

Two-step equations - word problems - decimals

- 1) The sum of three consecutive numbers is 87. What is the smallest of these numbers?
- 2) The sum of three consecutive odd numbers is 81. What is the smallest of these numbers?
- 3) The sum of three consecutive numbers is 27. What is the smallest of these numbers?
- 4) You bought a magazine for \$2.10 and some erasers for \$4.60 each. You spent a total of \$15.90. How many erasers did you buy?
- 5) 617 students went on a field trip. Ten buses were filled and 17 students traveled in cars. How many students were in each bus?
- 6) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 32?
- 7) Jennifer spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$9. What is her weekly allowance if she ended with \$17.80?
- 8) Carlos rented a bike from Asanji's Bikes. It cost \$12.70 plus \$7.70 per hour. If Carlos paid \$43.50 then he rented the bike for how many hours?
- 9) Jennifer spent half of her weekly allowance on candy. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$13?
- 10) Perry was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought fifteen more. How many did he start with if he now has 34?
- 11) Totsakan sold half of his comic books and then bought ten more. He now has 40. With how many did he begin?
- 12) Anjali's Bikes rents bikes for \$15.24 plus \$2.61 per hour. Kathryn paid \$30.90 to rent a bike. For how many hours did she rent the bike?
- 13) Heather sold half of her comic books and then bought nine more. She now has 34. With how many did she begin?
- 14) Krystal spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$4.02. What is her weekly allowance if she ended with \$9.61?
- 15) You bought a magazine for \$4.44 and some candy bars for \$3.88 each. You spent a total of \$16.08. How many candy bars did you buy?
- 16) Mike spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$5.32. What is his weekly allowance if he ended with \$13.26?
- 17) Shanice spent half of her weekly allowance buying pizza. To earn more money her parents let her weed the garden for \$6.10. What is her weekly allowance if she ended with \$10.11?
- 18) The sum of three consecutive even numbers is 66. What is the smallest of these numbers?
- 19) Maria had \$24.60 to spend on three pencils. After buying them she had \$14.46. How much did each pencil cost?
- 20) The sum of three consecutive even numbers is 72. What is the smallest of these numbers?
- 21) You bought a magazine for \$3.17 and six candy bars. You spent a total of \$27.41. How much did each candy bar cost?
- 22) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers?

- 23) Natalie was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought eleven more. How many did she start with if she now has 23?
- 24) The sum of three consecutive numbers is 69. What is the smallest of these numbers?
- 25) Half of your baseball card collection got wet and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 23?
- 26) The sum of three consecutive numbers is 33. What is the smallest of these numbers?
- 27) Eduardo spent half of his weekly allowance on clothes. To earn more money his parents let him wash the dog for \$6.60. What is his weekly allowance if he ended with \$12.10?
- 28) Jacob rented a bike from Darryl's Bikes. It cost \$19.70 plus \$2.30 per hour. If Jacob paid \$24.30 then he rented the bike for how many hours?
- 29) Shawna had \$20 to spend on seven pens. After buying them she had \$6. How much did each pen cost?
- 30) Rob had \$21.20 to spend on six raffle tickets. After buying them he had \$0.80. How much did each raffle ticket cost?
- 31) Brenda rented a bike from Cody's Bikes. It cost \$19.60 plus \$5.30 per hour. If Brenda paid \$51.40 then she rented the bike for how many hours?
- 32) Natalie spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$7. What is her weekly allowance if she ended with \$16.40?
- 33) Maria was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought sixteen more. How many did she start with if she now has 40?
- 34) You bought a magazine for \$4.80 and five candy bars. You spent a total of \$19.30. How much did each candy bar cost?
- 35) Jill's Bikes rents bikes for \$16.80 plus \$2.20 per hour. Huong paid \$32.20 to rent a bike. For how many hours did she rent the bike?
- 36) The sum of three consecutive odd numbers is 63. What is the smallest of these numbers?
- 37) Chelsea spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the oven for \$8.40. What is her weekly allowance if she ended with \$12.90?
- 38) Krystal spent \$9.30 on a magazine and three erasers. If the magazine cost \$2.10 then how much was each eraser?
- 39) Adam spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the gutters for \$7.60. What is his weekly allowance if he ended with \$11.50?
- 40) DeShawn spent half of his weekly allowance at the movies. To earn more money his parents let him wash the car for \$9.60. What is his weekly allowance if he ended with \$16.10?
- 41) Arjun had \$20.93 to spend on three raffle tickets. After buying them he had \$13.10. How much did each raffle ticket cost?
- 42) James was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought four more. How many did he start with if he now has 19?
- 43) You had \$24.44 to spend on two pencils. After buying them you had \$17.76. How much did each pencil cost?
- 44) John sold half of his comic books and then bought four more. He now has 14. With how many did he begin?

- 45) You had \$20.59 to spend on two raffle tickets. After buying them you had \$13.95. How much did each raffle ticket cost?
- 47) Jessica spent half of her weekly allowance on candy. To earn more money her parents let her clean the oven for \$6.92. What is her weekly allowance if she ended with \$10.78?
- 49) Matt rented a bike from James' Bikes. It cost \$19.92 plus \$2.89 per hour. If Matt paid \$34.37 then he rented the bike for how many hours?
- 51) You bought a magazine for \$3.69 and some erasers for \$4.19 each. You spent a total of \$33.02. How many erasers did you buy?
- 53) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 34?
- 55) 157 students went on a field trip. Five buses were filled and 27 students traveled in cars. How many students were in each bus?
- 57) You bought a magazine for \$6.70 and three erasers. You spent a total of \$17.80. How much did each eraser cost?
- 59) Krystal's Bikes rents bikes for \$19.60 plus \$6.60 per hour. Imani paid \$46 to rent a bike. For how many hours did she rent the bike?
- 61) Eugene spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$8.60. What is his weekly allowance if he ended with \$16.50?
- 63) Half of your baseball card collection got wet and was ruined. You bought 7 cards to replace some that were lost. How many did you begin with if you now have 17?
- 65) Cody's Bikes rents bikes for \$18.70 plus \$2.70 per hour. Shayna paid \$40.30 to rent a bike. For how many hours did she rent the bike?
- 46) Gabriella had \$24.87 to spend on seven notebooks. After buying them she had \$1. How much did each notebook cost?
- 48) Julio was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eleven more. How many did he start with if he now has 33?
- 50) For a field trip 5 students rode in cars and the rest filled ten buses. How many students were in each bus if 315 students were on the trip?
- 52) Kathryn spent half of her weekly allowance on candy. To earn more money her parents let her clean the gutters for \$5.11. What is her weekly allowance if she ended with \$11.13?
- 54) Totsakan was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nine more. How many did he start with if he now has 31?
- 56) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers?
- 58) Chelsea spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the windows in the house for \$5.70. What is her weekly allowance if she ended with \$14.70?
- 60) Elisa spent half of her weekly allowance buying pizza. To earn more money her parents let her weed the garden for \$6.20. What is her weekly allowance if she ended with \$12.20?
- 62) You had \$22.60 to spend on four raffle tickets. After buying them you had \$9.80. How much did each raffle ticket cost?
- 64) Stefan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for \$6.50. What is his weekly allowance if he ended with \$15?
- 66) You had \$24.90 to spend on five raffle tickets. After buying them you had \$8.90. How much did each raffle ticket cost?

- 67) Sarawong spent half of his weekly allowance playing arcade games. To earn more money his parents let him weed the garden for \$8.90. What is his weekly allowance if he ended with \$12.50?
- 69) The sum of three consecutive even numbers is 84. What is the smallest of these numbers?
- 71) Daniel was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought four more. How many did he start with if he now has 22?
- 73) Trevon spent half of his weekly allowance on candy. To earn more money his parents let him clean the windows in the house for \$6. What is his weekly allowance if he ended with \$12.52?
- 75) The sum of three consecutive odd numbers is 57. What is the smallest of these numbers?
- 77) Julio spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$9.73. What is his weekly allowance if he ended with \$14.61?
- 79) Jill sold half of her comic books and then bought seventeen more. She now has 30. With how many did she begin?
- 81) Alberto sold half of his comic books and then bought thirteen more. He now has 42. With how many did he begin?
- 83) James spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the windows in the house for \$9.50. What is his weekly allowance if he ended with \$13.40?
- 85) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?
- 68) For a field trip 9 students rode in cars and the rest filled seven buses. How many students were in each bus if 226 students were on the trip?
- 70) Jose spent half of his weekly allowance on candy. To earn more money his parents let him clean the oven for \$8.10. What is his weekly allowance if he ended with \$11.90?
- 72) Shawna rented a bike from Heather's Bikes. It cost \$12.20 plus \$5.99 per hour. If Shawna paid \$30.17 then she rented the bike for how many hours?
- 74) Danielle was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought four more. How many did she start with if she now has 21?
- 76) 169 students went on a field trip. Six buses were filled and 25 students traveled in cars. How many students were in each bus?
- 78) Jasmine was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought nine more. How many did she start with if she now has 39?
- 80) Mary spent \$43.20 on a magazine and eight erasers. If the magazine cost \$6.96 then how much was each eraser?
- 82) Ming was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought nineteen more. How many did she start with if she now has 41?
- 84) You had \$22.60 to spend on three notebooks. After buying them you had \$13. How much did each notebook cost?
- 86) Mike spent half of his weekly allowance on clothes. To earn more money his parents let him clean the windows in the house for \$4.30. What is his weekly allowance if he ended with \$10.70?

- 87) For a field trip 20 students rode in cars and the rest filled three buses. How many students were in each bus if 149 students were on the trip?
- 89) Shayna sold half of her comic books and then bought five more. She now has 21. With how many did she begin?
- 91) 250 students went on a field trip. Six buses were filled and 16 students traveled in cars. How many students were in each bus?
- 93) The sum of three consecutive even numbers is 42. What is the smallest of these numbers?
- 95) Anjali spent half of her weekly allowance on clothes. To earn more money her parents let her clean the gutters for \$6.10. What is her weekly allowance if she ended with \$11.40?
- 97) Wilbur was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought ten more. How many did he start with if he now has 38?
- 99) Nicole spent half of her weekly allowance on candy. To earn more money her parents let her clean the oven for \$9.60. What is her weekly allowance if she ended with \$18.70?
- 101) Asanji won 79 super bouncy balls playing hoops at his school's game night. Later, he gave four to each of his friends. He only has 7 remaining. How many friends does he have?
- 103) Jasmine spent half of her weekly allowance at the movies. To earn more money her parents let her clean the oven for \$5.85. What is her weekly allowance if she ended with \$10.18?
- 105) Nicole spent half of her weekly allowance at the movies. To earn more money her parents let her clean the gutters for \$5.79. What is her weekly allowance if she ended with \$12.18?
- 107) Eduardo won 57 lollipops playing the bean bag toss at his school's game night. Later, he gave four to each of his friends. He only has 1 remaining. How many friends does he have?
- 88) For a field trip 18 students rode in cars and the rest filled four buses. How many students were in each bus if 126 students were on the trip?
- 90) Norachai rented a bike from Adam's Bikes. It cost \$17.10 plus \$5 per hour. If Norachai paid \$32.10 then he rented the bike for how many hours?
- 92) You bought a magazine for \$5.80 and some erasers for \$5 each. You spent a total of \$35.80. How many erasers did you buy?
- 94) 256 students went on a field trip. Seven buses were filled and 18 students traveled in cars. How many students were in each bus?
- 96) The sum of three consecutive even numbers is 60. What is the smallest of these numbers?
- 98) Micaela spent half of her weekly allowance on clothes. To earn more money her parents let her clean the gutters for \$8.50. What is her weekly allowance if she ended with \$13.70?
- 100) Ryan spent \$17.03 on a magazine and some erasers. If the magazine cost \$5.87 and each eraser cost \$2.79 then how many erasers did he buy?
- 102) Julia won 52 pieces of gum playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 4 remaining. How many friends does she have?
- 104) Shanice spent half of her weekly allowance playing mini-golf. To earn more money her parents let her mow the lawn for \$5.01. What is her weekly allowance if she ended with \$8.32?
- 106) 308 students went on a field trip. Eight buses were filled and 20 students traveled in cars. How many students were in each bus?
- 108) 174 students went on a field trip. Five buses were filled and 19 students traveled in cars. How many students were in each bus?

- 109) Scott's Bikes rents bikes for \$18.94 plus \$2.14 per hour. Jimmy paid \$25.36 to rent a bike. For how many hours did he rent the bike?
- 110) Mark sold half of his comic books and then bought six more. He now has 28. With how many did he begin?
- 111) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?
- 112) Lisa won 83 super bouncy balls playing hoops at the county fair. At school she gave four to every student in her math class. She only has 3 remaining. How many students are in her class?
- 113) You bought a magazine for \$3.80 and six erasers. You spent a total of \$27.20. How much did each eraser cost?
- 114) How old am I if 400 reduced by 3 times my age is 247?
- 115) Jacob spent half of his weekly allowance buying pizza. To earn more money his parents let him weed the garden for \$9.80. What is his weekly allowance if he ended with \$19?
- 116) Perry bought a magazine for \$2.10 and six candy bars. He spent a total of \$14.10. How much did each candy bar cost?
- 117) You had \$24.80 to spend on five pencils. After buying them you had \$8.80. How much did each pencil cost?
- 118) The sum of three consecutive numbers is 78. What is the smallest of these numbers?
- 119) Amy was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought four more. How many did she start with if she now has 18?
- 120) Ndiba sold half of his comic books and then bought eleven more. He now has 23. With how many did he begin?
- 121) John spent half of his weekly allowance on candy. To earn more money his parents let him weed the garden for \$6.60. What is his weekly allowance if he ended with \$10.20?
- 122) Imani won 58 lollipops playing the bean bag toss at the county fair. At school she gave two to every student in her math class. She only has 2 remaining. How many students are in her class?
- 123) Sarawong won 54 lollipops playing hoops at the county fair. At school he gave two to every student in his math class. He only has 10 remaining. How many students are in his class?
- 124) Half of your baseball card collection got wet and was ruined. You bought 9 cards to replace some that were lost. How many did you begin with if you now have 35?
- 125) Kim was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought ten more. How many did she start with if she now has 29?
- 126) A wise man once said, "500 reduced by 4 times my age is 208." What is his age?
- 127) For a field trip 8 students rode in cars and the rest filled six buses. How many students were in each bus if 182 students were on the trip?
- 128) How old am I if 500 reduced by 4 times my age is 184?
- 129) A wise man once said, "500 reduced by 4 times my age is 132." What is his age?

- 130) Julio won 71 lollipops playing the bean bag toss at the county fair. At school he gave four to every student in his math class. He only has 3 remaining. How many students are in his class?
- 131) John spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$8.24. What is his weekly allowance if he ended with \$14.29?
- 132) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 44?
- 133) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?
- 134) Shawna was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought fifteen more. How many did she start with if she now has 45?
- 135) You bought a magazine for \$4.22 and some erasers for \$3.83 each. You spent a total of \$19.54. How many erasers did you buy?
- 136) Aliyah had \$23.28 to spend on two advocados. After buying them she had \$18.18. How much did each avocado cost?
- 137) How old am I if 300 reduced by 3 times my age is 72?
- 138) How old am I if 200 reduced by 2 times my age is 74?
- 139) Carlos spent half of his weekly allowance at the movies. To earn more money his parents let him mow the lawn for \$6.06. What is his weekly allowance if he ended with \$10.44?
- 140) Darryl spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$7.91. What is his weekly allowance if he ended with \$14.63?
- 141) Totsakan spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$7.13. What is his weekly allowance if he ended with \$10.76?
- 142) Kayla rented a bike from Jacob's Bikes. It cost \$15.30 plus \$7.30 per hour. If Kayla paid \$73.70 then she rented the bike for how many hours?
- 143) How old am I if 400 reduced by 4 times my age is 144?
- 144) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 21?
- 145) A wise man once said, "400 reduced by 3 times my age is 124." What is his age?
- 146) For a field trip 15 students rode in cars and the rest filled nine buses. How many students were in each bus if 204 students were on the trip?
- 147) Jasmine sold half of her comic books and then bought eleven more. She now has 35. With how many did she begin?
- 148) Jack won 94 super bouncy balls playing hoops at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class?
- 149) You had \$22.10 to spend on five advocados. After buying them you had \$7.60. How much did each avocado cost?
- 150) Abhasra won 94 super bouncy balls playing horseshoes at the county fair. At school she gave four to every student in her math class. She only has 6 remaining. How many students are in her class?

- 151) Ryan spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the oven for \$9.70. What is his weekly allowance if he ended with \$14.70?
- 152) The sum of three consecutive even numbers is 78. What is the smallest of these numbers?
- 153) You bought a magazine for \$3.30 and some erasers for \$2.50 each. You spent a total of \$8.30. How many erasers did you buy?
- 154) Scott had \$22.10 to spend on three raffle tickets. After buying them he had \$12.80. How much did each raffle ticket cost?
- 155) Kayla sold half of her comic books and then bought fourteen more. She now has 28. With how many did she begin?
- 156) Nicole won 74 super bouncy balls playing hoops at her school's game night. Later, she gave three to each of her friends. She only has 2 remaining. How many friends does she have?
- 157) Amy won 58 super bouncy balls playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends does she have?
- 158) You had \$20.70 to spend on three advocados. After buying them you had \$13.80. How much did each avocado cost?
- 159) Beth won 45 lollipops playing basketball at her school's game night. Later, she gave three to each of her friends. She only has 3 remaining. How many friends does she have?
- 160) How old am I if 500 reduced by 4 times my age is 256?
- 161) Amanda spent half of her weekly allowance playing mini-golf. To earn more money her parents let her mow the lawn for \$5.69. What is her weekly allowance if she ended with \$14.59?
- 162) Totsakan's Bikes rents bikes for \$15.89 plus \$5 per hour. Paul paid \$40.89 to rent a bike. For how many hours did he rent the bike?
- 163) A wise man once said, "500 reduced by 4 times my age is 180." What is his age?
- 164) How old am I if 400 reduced by 4 times my age is 32?
- 165) Jill was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought five more. How many did she start with if she now has 23?
- 166) How old am I if 300 reduced by 2 times my age is 130?
- 167) Mary sold half of her comic books and then bought twelve more. She now has 34. With how many did she begin?
- 168) You bought a magazine for \$5.86 and five candy bars. You spent a total of \$16.46. How much did each candy bar cost?
- 169) Jasmine won 33 lollipops playing hoops at the county fair. At school she gave two to every student in her math class. She only has 7 remaining. How many students are in her class?
- 170) You had \$20.53 to spend on five notebooks. After buying them you had \$1.03. How much did each notebook cost?

- 171) You had \$21.40 to spend on four raffle tickets. After buying them you had \$8.60. How much did each raffle ticket cost?
- 172) You had \$20.10 to spend on seven notebooks. After buying them you had \$3.30. How much did each notebook cost?
- 173) How old am I if 300 reduced by 2 times my age is 122?
- 174) Aliyah spent half of her weekly allowance buying pizza. To earn more money her parents let her mow the lawn for \$7.50. What is her weekly allowance if she ended with \$14.10?
- 175) You had \$23.50 to spend on three pens. After buying them you had \$15.10. How much did each pen cost?
- 176) Mike spent half of his weekly allowance on candy. To earn more money his parents let him wash the dog for \$7.50. What is his weekly allowance if he ended with \$13.30?
- 177) Norachai sold half of his comic books and then bought eighteen more. He now has 31. With how many did he begin?
- 178) Stefan's Bikes rents bikes for \$18.60 plus \$2.20 per hour. Trevon paid \$34 to rent a bike. For how many hours did he rent the bike?
- 179) 379 students went on a field trip. Nine buses were filled and 28 students traveled in cars. How many students were in each bus?
- 180) Huong rented a bike from Julia's Bikes. It cost \$17.10 plus \$7.70 per hour. If Huong paid \$63.30 then she rented the bike for how many hours?
- 181) A wise man once said, "500 reduced by 4 times my age is 144." What is his age?
- 182) How old am I if 400 reduced by 2 times my age is 218?
- 183) How old am I if 400 reduced by 2 times my age is 228?
- 184) Carlos spent half of his weekly allowance on clothes. To earn more money his parents let him clean the windows in the house for \$9.30. What is his weekly allowance if he ended with \$14.80?
- 185) How old am I if 400 reduced by 4 times my age is 112?
- 186) How old am I if 500 reduced by 2 times my age is 316?
- 187) Kathryn spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$9.60. What is her weekly allowance if she ended with \$13.90?
- 188) Shayna spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$8.10. What is her weekly allowance if she ended with \$16?
- 189) Julia spent \$40.50 on a magazine and some erasers. If the magazine cost \$2.10 and each eraser cost \$4.80 then how many erasers did she buy?
- 190) Asanji won 83 super bouncy balls playing the bean bag toss at his school's game night. Later, he gave three to each of his friends. He only has 5 remaining. How many friends does he have?
- 191) Huong won 47 lollipops playing horseshoes at her school's game night. Later, she gave three to each of her friends. She only has 8 remaining. How many friends does she have?
- 192) Kali sold half of her comic books and then bought sixteen more. She now has 43. With how many did she begin?

- 193) Nicole was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought twelve more. How many did she start with if she now has 42?
- 194) A wise man once said, "400 reduced by 3 times my age is 232." What is his age?
- 195) Krystal had \$21.90 to spend on eight pens. After buying them she had \$1.74. How much did each pen cost?
- 196) You had \$22.91 to spend on four raffle tickets. After buying them you had \$11.79. How much did each raffle ticket cost?
- 197) DeShawn spent half of his weekly allowance at the movies. To earn more money his parents let him weed the garden for \$7.81. What is his weekly allowance if he ended with \$11.81?
- 198) Molly spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$6.03. What is her weekly allowance if she ended with \$15.55?
- 199) For a field trip 8 students rode in cars and the rest filled four buses. How many students were in each bus if 172 students were on the trip?
- 200) Jennifer won 114 super bouncy balls playing the bean bag toss at the county fair. At school she gave four to every student in her math class. She only has 2 remaining. How many students are in her class?
- 201) Eduardo bought four posters. A week later half of all his posters were destroyed in a fire. There are now only 16 posters left. With how many did he start?
- 202) Emily was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought eighteen more. How many did she start with if she now has 39?
- 203) Perry sold half of his comic books and then bought seventeen more. He now has 33. With how many did he begin?
- 204) Shreya won 32 lollipops playing horseshoes at the county fair. At school she gave two to every student in her math class. She only has 4 remaining. How many students are in her class?
- 205) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?
- 206) Anjali won 122 pieces of gum playing horseshoes at her school's game night. Later, she gave four to each of her friends. She only has 2 remaining. How many friends does she have?
- 207) For a field trip 14 students rode in cars and the rest filled three buses. How many students were in each bus if 155 students were on the trip?
- 208) Maria had some candy to give to her three children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 209) You bought a magazine for \$4 and some erasers for \$4.70 each. You spent a total of \$27.50. How many erasers did you buy?
- 210) Totsakan spent half of his weekly allowance on clothes. To earn more money his parents let him clean the oven for \$8.50. What is his weekly allowance if he ended with \$14.30?

- 211) On Tuesday Chelsea bought five CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday?
- 212) Half of your baseball card collection got wet and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 38?
- 213) A wise man once said, "400 reduced by 3 times my age is 133." What is his age?
- 214) Paul sold half of his comic books and then bought six more. He now has 34. With how many did he begin?
- 215) Jaidee had \$21.10 to spend on five raffle tickets. After buying them she had \$3.60. How much did each raffle ticket cost?
- 216) Beth's Bikes rents bikes for \$15 plus \$4.40 per hour. Cody paid \$32.60 to rent a bike. For how many hours did he rent the bike?
- 217) James had some candy to give to his three children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 218) Rob spent half of his weekly allowance buying pizza. To earn more money his parents let him wash the car for \$9.60. What is his weekly allowance if he ended with \$13.20?
- 219) Lisa had some candy to give to her four children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 220) Kali spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$7.93. What is her weekly allowance if she ended with \$16.36?
- 221) How old am I if 400 reduced by 2 times my age is 228?
- 222) For a field trip 11 students rode in cars and the rest filled seven buses. How many students were in each bus if 333 students were on the trip?
- 223) Castel spent \$12.46 on a magazine and two notepads. If the magazine cost \$2.56 then how much was each notepad?
- 224) Matt was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eleven more. How many did he start with if he now has 30?
- 225) Aliyah bought six boxes. A week later half of all her boxes were destroyed in a fire. There are now only 18 boxes left. With how many did she start?
- 226) The sum of three consecutive odd numbers is 75. What is the smallest of these numbers?
- 227) Joe won 118 super bouncy balls playing hoops at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class?
- 228) Beth won 102 lollipops playing the bean bag toss at the county fair. At school she gave four to every student in her math class. She only has 6 remaining. How many students are in her class?
- 229) Sarawong had some candy to give to his four children. He first took nine pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 230) Darryl spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$6.82. What is his weekly allowance if he ended with \$12.83?

- 231) Kayla spent half of her weekly allowance buying pizza. To earn more money her parents let her weed the garden for \$7.60. What is her weekly allowance if she ended with \$16.70?
- 232) Wilbur's Bikes rents bikes for \$16.90 plus \$4.50 per hour. Kim paid \$39.40 to rent a bike. For how many hours did she rent the bike?
- 233) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 31?
- 234) Abhasra had some candy to give to her four children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 235) Micaela bought eight hats. A week later half of all her hats were destroyed in a fire. There are now only 23 hats left. With how many did she start?
- 236) For a field trip 17 students rode in cars and the rest filled three buses. How many students were in each bus if 83 students were on the trip?
- 237) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 18?
- 238) Bill won 53 lollipops playing the bean bag toss at the county fair. At school he gave two to every student in his math class. He only has 1 remaining. How many students are in his class?
- 239) On Tuesday Arjun bought ten boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 14 left. How many did he have on Monday?
- 240) Maria had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 241) The sum of three consecutive even numbers is 60. What is the smallest of these numbers?
- 242) Lea spent half of her weekly allowance on clothes. To earn more money her parents let her clean the windows in the house for \$6.80. What is her weekly allowance if she ended with \$15.40?
- 243) 205 students went on a field trip. Six buses were filled and 25 students traveled in cars. How many students were in each bus?
- 244) Kristin won 107 super bouncy balls playing the bean bag toss at her school's game night. Later, she gave four to each of her friends. She only has 7 remaining. How many friends does she have?
- 245) Danielle had some candy to give to her four children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 246) Jose had some candy to give to his four children. He first took three pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 247) Amy sold half of her comic books and then bought twelve more. She now has 36. With how many did she begin?
- 248) Norachai won 64 lollipops playing the bean bag toss at his school's game night. Later, he gave three to each of his friends. He only has 7 remaining. How many friends does he have?

- 249) You had \$23.70 to spend on five notebooks. After buying them you had \$6.70. How much did each notebook cost?
- 251) Ted was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nineteen more. How many did he start with if he now has 41?
- 253) Pranav rented a bike from Stephanie's Bikes. It cost \$14.76 plus \$2.40 per hour. If Pranav paid \$19.56 then he rented the bike for how many hours?
- 255) A wise man once said, "400 reduced by 3 times my age is 178." What is his age?
- 257) Mary spent half of her weekly allowance at the movies. To earn more money her parents let her clean the oven for \$7.18. What is her weekly allowance if she ended with \$15.93?
- 259) 208 students went on a field trip. Seven buses were filled and 19 students traveled in cars. How many students were in each bus?
- 261) Kristin was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought seven more. How many did she start with if she now has 20?
- 263) How old am I if 400 reduced by 4 times my age is 164?
- 265) Shayna had some candy to give to her four children. She first took six pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 267) Trevon spent half of his weekly allowance on clothes. To earn more money his parents let him clean the oven for \$6. What is his weekly allowance if he ended with \$11.50?
- 269) Julio spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$5.10. What is his weekly allowance if he ended with \$11.90?
- 250) The sum of three consecutive even numbers is 36. What is the smallest of these numbers?
- 252) Paul bought four hats. A week later half of all his hats were destroyed in a fire. There are now only 17 hats left. With how many did he start?
- 254) How old am I if 300 reduced by 3 times my age is 36?
- 256) Jill had some candy to give to her four children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 258) Stefan won 46 lollipops playing the bean bag toss at the county fair. At school he gave two to every student in his math class. He only has 4 remaining. How many students are in his class?
- 260) A wise man once said, "400 reduced by twice my age is 294." What is his age?
- 262) For a field trip 5 students rode in cars and the rest filled nine buses. How many students were in each bus if 284 students were on the trip?
- 264) How old am I if 400 reduced by 4 times my age is 116?
- 266) Sarawong spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the windows in the house for \$5.90. What is his weekly allowance if he ended with \$12.60?
- 268) Ashley had \$21 to spend on four pencils. After buying them she had \$9.80. How much did each pencil cost?
- 270) Mark bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 13 CDs left. With how many did he start?

- 271) Anjali bought seven posters. A week later half of all her posters were destroyed in a fire. There are now only 18 posters left. With how many did she start?
- 272) Carlos rented a bike from Ndiba's Bikes. It cost \$15.30 plus \$6.10 per hour. If Carlos paid \$51.90 then he rented the bike for how many hours?
- 273) Jacob sold half of his comic books and then bought eleven more. He now has 38. With how many did he begin?
- 274) Adam won 68 lollipops playing hoops at his school's game night. Later, he gave two to each of his friends. He only has 10 remaining. How many friends does he have?
- 275) Wilbur had some candy to give to his three children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 276) Elisa won 40 super bouncy balls playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 10 remaining. How many friends does she have?
- 277) Scott spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for \$7.80. What is his weekly allowance if he ended with \$12.30?
- 278) For a field trip 26 students rode in cars and the rest filled ten buses. How many students were in each bus if 316 students were on the trip?
- 279) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?
- 280) How old am I if 400 reduced by 4 times my age is 36?
- 281) Shanice bought nine CDs. A week later half of all her CDs were destroyed in a fire. There are now only 18 CDs left. With how many did she start?
- 282) Stephanie bought six posters. A week later half of all her posters were destroyed in a fire. There are now only 17 posters left. With how many did she start?
- 283) Jenny was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought eight more. How many did she start with if she now has 26?
- 284) Krystal won 130 lollipops playing hoops at her school's game night. Later, she gave four to each of her friends. She only has 6 remaining. How many friends does she have?
- 285) You bought a magazine for \$6.79 and some erasers for \$4.12 each. You spent a total of \$27.39. How many erasers did you buy?
- 286) How old am I if 300 reduced by 4 times my age is 20?
- 287) Gabriella spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$7.50. What is her weekly allowance if she ended with \$12.09?
- 288) Jack had some candy to give to his three children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 289) Jennifer had \$21.56 to spend on six pens. After buying them she had \$3.62. How much did each pen cost?
- 290) A wise man once said, "400 reduced by 3 times my age is 136." What is his age?
- 291) How old am I if 400 reduced by 3 times my age is 250?
- 292) Eugene bought eight CDs. A week later half of all his CDs were destroyed in a fire. There are now only 22 CDs left. With how many did he start?

- 293) Perry was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought thirteen more. How many did he start with if he now has 43?
- 294) Jimmy sold half of his comic books and then bought thirteen more. He now has 25. With how many did he begin?
- 295) Kathryn rented a bike from Kayla's Bikes. It cost \$14.20 plus \$7.20 per hour. If Kathryn paid \$64.60 then she rented the bike for how many hours?
- 296) Kayla bought five posters. A week later half of all her posters were destroyed in a fire. There are now only 18 posters left. With how many did she start?
- 297) Julia had some candy to give to her three children. She first took six pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 298) Totsakan spent \$13.60 on a magazine and some erasers. If the magazine cost \$6.10 and each eraser cost \$2.50 then how many erasers did he buy?
- 299) Imani spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$5.50. What is her weekly allowance if she ended with \$11.50?
- 300) A wise man once said, "500 reduced by twice my age is 358." What is his age?
- 301) Mei had some candy to give to her four children. She first took four pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 302) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into five pieces and sold. There were a total of 55 pieces to sell. How many pies did the club make?
- 303) Sumalee sold half of her comic books and then bought eighteen more. She now has 34. With how many did she begin?
- 304) Cody had \$21.10 to spend on two raffle tickets. After buying them he had \$15.50. How much did each raffle ticket cost?
- 305) Natalie spent \$42.50 on a magazine and some erasers. If the magazine cost \$3.30 and each eraser cost \$4.90 then how many erasers did she buy?
- 306) Jill wanted to make note cards by cutting pieces of paper in half. Before starting she got six more pieces to use. When she was done she had 22 half-pieces of paper. With how many pieces did she start?
- 307) On Tuesday Lisa bought eight boxes. On Wednesday half of all the boxes that she had were destroyed. On Thursday there were only 18 left. How many did she have on Monday?
- 308) Kali bought five CDs. A week later half of all her CDs were destroyed in a fire. There are now only 18 CDs left. With how many did she start?
- 309) Alberto spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$7.40. What is his weekly allowance if he ended with \$12.40?
- 310) How old am I if 500 reduced by 3 times my age is 296?
- 311) For a field trip 23 students rode in cars and the rest filled ten buses. How many students were in each bus if 493 students were on the trip?

- 312) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating three pies to the club. Each pie was then cut into six pieces and sold. There were a total of 54 pieces to sell. How many pies did the club make?
- 313) Molly spent half of her weekly allowance at the movies. To earn more money her parents let her weed the garden for \$7.86. What is her weekly allowance if she ended with \$16.99?
- 314) Scott had some candy to give to his three children. He first took eight pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?
- 315) The sum of three consecutive even numbers is 54. What is the smallest of these numbers?
- 316) Ndiba won 75 lollipops playing horseshoes at the county fair. At school he gave three to every student in his math class. He only has 3 remaining. How many students are in his class?
- 317) On Tuesday Sarawong bought nine hats. On Wednesday half of all the hats that he had were destroyed. On Thursday there were only 18 left. How many did he have on Monday?
- 318) On Tuesday Darryl bought seven posters. On Wednesday half of all the posters that he had were destroyed. On Thursday there were only 18 left. How many did he have on Monday?
- 319) Chelsea sold half of her comic books and then bought thirteen more. She now has 25. With how many did she begin?
- 320) Kim won 59 super bouncy balls playing basketball at the county fair. At school she gave four to every student in her math class. She only has 3 remaining. How many students are in her class?
- 321) Rob spent \$17.26 on a magazine and three candy bars. If the magazine cost \$3.67 then how much was each candy bar?
- 322) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 80 pieces to sell. How many pies did the club make?
- 323) Jasmine had some candy to give to her three children. She first took five pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 324) Micaela spent half of her weekly allowance on clothes. To earn more money her parents let her wash the dog for \$9.50. What is her weekly allowance if she ended with \$19.30?
- 325) Adam bought a magazine for \$5.20 and five erasers. He spent a total of \$29.20. How much did each eraser cost?
- 326) John won 109 lollipops playing horseshoes at the county fair. At school he gave four to every student in his math class. He only has 9 remaining. How many students are in his class?
- 327) Arjun won 82 pieces of gum playing horseshoes at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class?
- 328) On Tuesday Ryan bought eight hats. On Wednesday half of all the hats that he had were destroyed. On Thursday there were only 17 left. How many did he have on Monday?
- 329) Eugene was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eighteen more. How many did he start with if he now has 42?

- 330) 260 students went on a field trip. Five buses were filled and 20 students traveled in cars. How many students were in each bus?
- 331) Half of your baseball card collection got wet and was ruined. You bought 18 cards to replace some that were lost. How many did you begin with if you now have 46?
- 332) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating three pies to the club. Each pie was then cut into four pieces and sold. There were a total of 52 pieces to sell. How many pies did the club make?
- 333) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 91 pieces to sell. How many pies did the club make?
- 334) Jose had some candy to give to his three children. He first took one pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 335) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers?
- 336) Norachai spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$5.40. What is his weekly allowance if he ended with \$10.70?
- 337) How old am I if 500 reduced by 2 times my age is 304?
- 338) Amanda bought ten boxes. A week later half of all her boxes were destroyed in a fire. There are now only 18 boxes left. With how many did she start?
- 339) Ted had some paper with which to make note cards. On his way to his room he found four more pieces to use. In his room he cut each piece of paper in half. When he was done he had 28 half-pieces of paper. With how many sheets of paper did he start?
- 340) Jennifer sold half of her comic books and then bought six more. She now has 24. With how many did she begin?
- 341) Pranav spent \$36.90 on a magazine and some candy bars. If the magazine cost \$6.38 and each candy bar cost \$4.36 then how many candy bars did he buy?
- 342) You had \$24.81 to spend on six notebooks. After buying them you had \$4.77. How much did each notebook cost?
- 343) Emily won 57 pieces of gum playing the bean bag toss at the county fair. At school she gave four to every student in her math class. She only has 5 remaining. How many students are in her class?
- 344) Jill had some candy to give to her three children. She first took eight pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 345) Bill had some candy to give to his four children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 346) A wise man once said, "400 reduced by 3 times my age is 118." What is his age?
- 347) Stefan spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$6.87. What is his weekly allowance if he ended with \$11?

- 348) Lea rented a bike from Trevon's Bikes. It cost \$19.01 plus \$6.24 per hour. If Lea paid \$56.45 then she rented the bike for how many hours?
- 349) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 112 pieces to sell. How many pies did the club make?
- 350) Mike sold half of his comic books and then bought nineteen more. He now has 49. With how many did he begin?
- 351) On Tuesday Shanice bought four hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 21 left. How many did she have on Monday?
- 352) For a field trip 7 students rode in cars and the rest filled three buses. How many students were in each bus if 103 students were on the trip?
- 353) Julio won 47 lollipops playing the bean bag toss at the county fair. At school he gave three to every student in his math class. He only has 2 remaining. How many students are in his class?
- 354) Amy won 46 super bouncy balls playing the bean bag toss at the county fair. At school she gave two to every student in her math class. She only has 4 remaining. How many students are in her class?
- 355) Sumalee bought seven boxes. A week later half of all her boxes were destroyed in a fire. There are now only 13 boxes left. With how many did she start?
- 356) Trevon spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$9.10. What is his weekly allowance if he ended with \$12.30?
- 357) Ashley spent half of her weekly allowance at the movies. To earn more money her parents let her wash the car for \$9.20. What is her weekly allowance if she ended with \$18.30?
- 358) The sum of three consecutive even numbers is 84. What is the smallest of these numbers?
- 359) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into four pieces and sold. There were a total of 44 pieces to sell. How many pies did the club make?
- 360) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed two pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 84 pieces to sell. How many pies did the club make?
- 361) Castel bought five CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?
- 362) You bought a magazine for \$4 and three erasers. You spent a total of \$16.30. How much did each eraser cost?
- 363) Adam sold half of his comic books and then bought seven more. He now has 31. With how many did he begin?
- 364) Mary won 93 pieces of gum playing the bean bag toss at her school's game night. Later, she gave four to each of her friends. She only has 1 remaining. How many friends does she have?
- 365) On Tuesday Ming bought eight hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 12 left. How many did she have on Monday?

- 366) Scott wanted to make note cards by cutting pieces of paper in half. Before starting he got four more pieces to use. When he was done he had 22 half-pieces of paper. With how many pieces did he start?
- 367) Jessica spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$4.90. What is her weekly allowance if she ended with \$13?
- 368) For a field trip 11 students rode in cars and the rest filled four buses. How many students were in each bus if 127 students were on the trip?
- 369) Huong rented a bike from Jill's Bikes. It cost \$13.90 plus \$4.30 per hour. If Huong paid \$22.50 then she rented the bike for how many hours?
- 370) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 88 pieces to sell. How many pies did the club make?
- 371) Jenny had some candy to give to her four children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 372) Krystal sold half of her comic books and then bought twelve more. She now has 39. With how many did she begin?
- 373) Jaidee won 82 pieces of gum playing the bean bag toss at the county fair. At school she gave three to every student in her math class. She only has 7 remaining. How many students are in her class?
- 374) DeShawn bought a magazine for \$5.70 and two candy bars. He spent a total of \$15.14. How much did each candy bar cost?
- 375) Gabriella wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 28 half-pieces of paper. With how many pieces did she start?
- 376) James was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nineteen more. How many did he start with if he now has 32?
- 377) On Tuesday Jennifer bought nine CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 20 left. How many did she have on Monday?
- 378) Shreya had \$23.03 to spend on five advocados. After buying them she had \$9.03. How much did each avocado cost?
- 379) A wise man once said, "500 reduced by 4 times my age is 220." What is his age?
- 380) Eugene had some candy to give to his three children. He first took four pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 381) Perry had some candy to give to his three children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 382) A wise man once said, "500 reduced by 4 times my age is 120." What is his age?
- 383) Wilbur spent half of his weekly allowance on candy. To earn more money his parents let him clean the windows in the house for \$8.98. What is his weekly allowance if he ended with \$13.43?

- 384) Shayna's Bikes rents bikes for \$15.80 plus \$4.40 per hour. Danielle paid \$33.40 to rent a bike. For how many hours did she rent the bike?
- 385) Julia had some paper with which to make note cards. On her way to her room she found seven more pieces to use. In her room she cut each piece of paper in half. When she was done she had 20 half-pieces of paper. With how many sheets of paper did she start?
- 386) Totsakan bought ten posters. A week later half of all his posters were destroyed in a fire. There are now only 19 posters left. With how many did he start?
- 387) Willie rented a bike from Arjun's Bikes. It cost \$10.90 plus \$5 per hour. If Willie paid \$45.90 then he rented the bike for how many hours?
- 388) Nicole won 62 pieces of gum playing hoops at her school's game night. Later, she gave three to each of her friends. She only has 8 remaining. How many friends does she have?
- 389) A wise man once said, "400 reduced by 3 times my age is 160." What is his age?
- 390) Paul had some candy to give to his four children. He first took three pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 391) Sumalee spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$9. What is her weekly allowance if she ended with \$15.20?
- 392) Cody spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$9. What is his weekly allowance if he ended with \$14?
- 393) 417 students went on a field trip. Ten buses were filled and 27 students traveled in cars. How many students were in each bus?
- 394) Jack had some paper with which to make note cards. On his way to his room he found two more pieces to use. In his room he cut each piece of paper in half. When he was done he had 14 half-pieces of paper. With how many sheets of paper did he start?
- 395) Lisa wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 24 half-pieces of paper. With how many pieces did she start?
- 396) On Tuesday Kali bought five CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday?
- 397) You had \$21.60 to spend on two advocados. After buying them you had \$15.20. How much did each avocado cost?
- 398) Lea sold half of her comic books and then bought twenty more. She now has 38. With how many did she begin?
- 399) Shawna won 35 super bouncy balls playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 7 remaining. How many friends does she have?
- 400) Jimmy had some candy to give to his four children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?

Two-step equations - word problems - decimals

- 1) The sum of three consecutive numbers is 87.28
What is the smallest of these numbers?
- 2) The sum of three consecutive odd numbers is 81. What is the smallest of these numbers?
- 3) The sum of three consecutive numbers is 278
What is the smallest of these numbers?
- 4) You bought a magazine for \$2.10 and some 3 erasers for \$4.60 each. You spent a total of \$15.90. How many erasers did you buy?
- 5) 617 students went on a field trip. Ten buses 60 were filled and 17 students traveled in cars. How many students were in each bus?
- 6) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 32?
- 7) Jennifer spent half of her weekly allowance \$17.60 playing mini-golf. To earn more money her parents let her wash the dog for \$9. What is her weekly allowance if she ended with \$17.80?
- 8) Carlos rented a bike from Asanji's Bikes. It cost \$12.70 plus \$7.70 per hour. If Carlos paid \$43.50 then he rented the bike for how many hours?
- 9) Jennifer spent half of her weekly allowance \$6 on candy. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$13?
- 10) Perry was going to sell all of his stamp 38 collection to buy a video game. After selling half of them he changed his mind. He then bought fifteen more. How many did he start with if he now has 34?
- 11) Totsakan sold half of his comic books and 60 then bought ten more. He now has 40. With how many did he begin?
- 12) Anjali's Bikes rents bikes for \$15.24 plus 6 \$2.61 per hour. Kathryn paid \$30.90 to rent a bike. For how many hours did she rent the bike?
- 13) Heather sold half of her comic books and 50 then bought nine more. She now has 34. With how many did she begin?
- 14) Krystal spent half of her weekly allowance \$11.18 on clothes. To earn more money her parents let her mow the lawn for \$4.02. What is her weekly allowance if she ended with \$9.61?
- 15) You bought a magazine for \$4.44 and some 3 candy bars for \$3.88 each. You spent a total of \$16.08. How many candy bars did you buy?
- 16) Mike spent half of his weekly allowance \$15.88 playing arcade games. To earn more money his parents let him wash the car for \$5.32. What is his weekly allowance if he ended with \$13.26?
- 17) Shanice spent half of her weekly allowance \$8.02 buying pizza. To earn more money her parents let her weed the garden for \$6.10. What is her weekly allowance if she ended with \$10.11?
- 18) The sum of three consecutive even numbers 30 is 66. What is the smallest of these numbers?
- 19) Maria had \$24.60 to spend on three pencils. \$3.38 After buying them she had \$14.46. How much did each pencil cost?
- 20) The sum of three consecutive even numbers 32 is 72. What is the smallest of these numbers?
- 21) You bought a magazine for \$3.17 and six \$4.04 candy bars. You spent a total of \$27.41. How much did each candy bar cost?
- 22) The sum of three consecutive odd numbers 31 is 69. What is the smallest of these numbers?

- 23) Natalie was going to sell all of her stamp **24** collection to buy a video game. After selling half of them she changed her mind. She then bought eleven more. How many did she start with if she now has 23?
- 24) The sum of three consecutive numbers is **6922**. What is the smallest of these numbers?
- 25) Half of your baseball card collection got **wet** and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 23?
- 26) The sum of three consecutive numbers is **3310**. What is the smallest of these numbers?
- 27) Eduardo spent half of his weekly allowance **\$11** on clothes. To earn more money his parents let him wash the dog for \$6.60. What is his weekly allowance if he ended with \$12.10?
- 28) Jacob rented a bike from Darryl's Bikes. It **2** cost \$19.70 plus \$2.30 per hour. If Jacob paid \$24.30 then he rented the bike for how many hours?
- 29) Shawna had \$20 to spend on seven pens. **\$2** After buying them she had \$6. How much did each pen cost?
- 30) Rob had \$21.20 to spend on six raffle **\$3.40** tickets. After buying them he had \$0.80. How much did each raffle ticket cost?
- 31) Brenda rented a bike from Cody's Bikes. It **6** cost \$19.60 plus \$5.30 per hour. If Brenda paid \$51.40 then she rented the bike for how many hours?
- 32) Natalie spent half of her weekly allowance **\$18.80** playing mini-golf. To earn more money her parents let her wash the dog for \$7. What is her weekly allowance if she ended with \$16.40?
- 33) Maria was going to sell all of her stamp **48** collection to buy a video game. After selling half of them she changed her mind. She then bought sixteen more. How many did she start with if she now has 40?
- 34) You bought a magazine for \$4.80 and five **\$2.90** candy bars. You spent a total of \$19.30. How much did each candy bar cost?
- 35) Jill's Bikes rents bikes for \$16.80 plus \$2.20 **7** per hour. Huong paid \$32.20 to rent a bike. For how many hours did she rent the bike?
- 36) The sum of three consecutive odd numbers **19** is 63. What is the smallest of these numbers?
- 37) Chelsea spent half of her weekly allowance **\$9** playing arcade games. To earn more money her parents let her clean the oven for \$8.40. What is her weekly allowance if she ended with \$12.90?
- 38) Krystal spent \$9.30 on a magazine and three **\$2.40** erasers. If the magazine cost \$2.10 then how much was each eraser?
- 39) Adam spent half of his weekly allowance **\$7.80** playing mini-golf. To earn more money his parents let him clean the gutters for \$7.60. What is his weekly allowance if he ended with \$11.50?
- 40) DeShawn spent half of his weekly **\$13** allowance at the movies. To earn more money his parents let him wash the car for \$9.60. What is his weekly allowance if he ended with \$16.10?
- 41) Arjun had \$20.93 to spend on three raffle **\$2.61** tickets. After buying them he had \$13.10. How much did each raffle ticket cost?
- 42) James was going to sell all of his stamp **30** collection to buy a video game. After selling half of them he changed his mind. He then bought four more. How many did he start with if he now has 19?
- 43) You had \$24.44 to spend on two pencils. **\$3.34** After buying them you had \$17.76. How much did each pencil cost?
- 44) John sold half of his comic books and then **20** bought four more. He now has 14. With how many did he begin?

- 45) You had \$20.59 to spend on two raffle tickets. After buying them you had \$13.95. How much did each raffle ticket cost? **\$3.32**
- 46) Gabriella had \$24.87 to spend on seven notebooks. After buying them she had \$1. How much did each notebook cost? **\$3.41**
- 47) Jessica spent half of her weekly allowance on candy. To earn more money her parents let her clean the oven for \$6.92. What is her weekly allowance if she ended with \$10.78? **\$7.72**
- 48) Julio was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eleven more. How many did he start with if he now has 33? **44**
- 49) Matt rented a bike from James' Bikes. It cost \$19.92 plus \$2.89 per hour. If Matt paid \$34.37 then he rented the bike for how many hours? **5**
- 50) For a field trip 5 students rode in cars and the rest filled ten buses. How many students were in each bus if 315 students were on the trip? **31**
- 51) You bought a magazine for \$3.69 and some erasers for \$4.19 each. You spent a total of \$33.02. How many erasers did you buy? **7**
- 52) Kathryn spent half of her weekly allowance on candy. To earn more money her parents let her clean the gutters for \$5.11. What is her weekly allowance if she ended with \$11.13? **\$12.04**
- 53) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 34? **10**
- 54) Totsakan was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nine more. How many did he start with if he now has 31? **44**
- 55) 157 students went on a field trip. Five buses were filled and 27 students traveled in cars. How many students were in each bus? **26**
- 56) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers? **11**
- 57) You bought a magazine for \$6.70 and three erasers. You spent a total of \$17.80. How much did each eraser cost? **\$3.70**
- 58) Chelsea spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the windows in the house for \$5.70. What is her weekly allowance if she ended with \$14.70? **\$18**
- 59) Krystal's Bikes rents bikes for \$19.60 plus \$6.60 per hour. Imani paid \$46 to rent a bike. For how many hours did she rent the bike? **4**
- 60) Elisa spent half of her weekly allowance buying pizza. To earn more money her parents let her weed the garden for \$6.20. What is her weekly allowance if she ended with \$12.20? **\$12**
- 61) Eugene spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$8.60. What is his weekly allowance if he ended with \$16.50? **\$15.80**
- 62) You had \$22.60 to spend on four raffle tickets. After buying them you had \$9.80. How much did each raffle ticket cost? **\$3.20**
- 63) Half of your baseball card collection got wet and was ruined. You bought 7 cards to replace some that were lost. How many did you begin with if you now have 17? **10**
- 64) Stefan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for \$6.50. What is his weekly allowance if he ended with \$15? **\$17**
- 65) Cody's Bikes rents bikes for \$18.70 plus \$2.70 per hour. Shayna paid \$40.30 to rent a bike. For how many hours did she rent the bike? **8**
- 66) You had \$24.90 to spend on five raffle tickets. After buying them you had \$8.90. How much did each raffle ticket cost? **\$3.20**

- 67) Sarawong spent half of his weekly allowance playing arcade games. To earn more money his parents let him weed the garden for \$8.90. What is his weekly allowance if he ended with \$12.50? **\$7.20**
- 69) The sum of three consecutive even numbers is 84. What is the smallest of these numbers? **36**
- 71) Daniel was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought four more. How many did he start with if he now has 22? **36**
- 73) Trevon spent half of his weekly allowance on candy. To earn more money his parents let him clean the windows in the house for \$6. What is his weekly allowance if he ended with \$12.52? **\$13.04**
- 75) The sum of three consecutive odd numbers is 57. What is the smallest of these numbers? **17**
- 77) Julio spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$9.73. What is his weekly allowance if he ended with \$14.61? **\$9.76**
- 79) Jill sold half of her comic books and then bought seventeen more. She now has 30. With how many did she begin? **26**
- 81) Alberto sold half of his comic books and then bought thirteen more. He now has 42. With how many did he begin? **58**
- 83) James spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the windows in the house for \$9.50. What is his weekly allowance if he ended with \$13.40? **\$7.80**
- 85) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers? **13**
- 68) For a field trip 9 students rode in cars and the rest filled seven buses. How many students were in each bus if 226 students were on the trip? **31**
- 70) Jose spent half of his weekly allowance on candy. To earn more money his parents let him clean the oven for \$8.10. What is his weekly allowance if he ended with \$11.90? **\$7.60**
- 72) Shawna rented a bike from Heather's Bikes. It cost \$12.20 plus \$5.99 per hour. If Shawna paid \$30.17 then she rented the bike for how many hours? **3**
- 74) Danielle was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought four more. How many did she start with if she now has 21? **34**
- 76) 169 students went on a field trip. Six buses were filled and 25 students traveled in cars. How many students were in each bus? **24**
- 78) Jasmine was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought nine more. How many did she start with if she now has 39? **60**
- 80) Mary spent \$43.20 on a magazine and eight erasers. If the magazine cost \$6.96 then how much was each eraser? **\$4.53**
- 82) Ming was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought nineteen more. How many did she start with if she now has 41? **44**
- 84) You had \$22.60 to spend on three notebooks. After buying them you had \$13. How much did each notebook cost? **\$3.20**
- 86) Mike spent half of his weekly allowance on clothes. To earn more money his parents let him clean the windows in the house for \$4.30. What is his weekly allowance if he ended with \$10.70? **\$12.80**

- 87) For a field trip 20 students rode in cars and 43 the rest filled three buses. How many students were in each bus if 149 students were on the trip?
- 89) Shayna sold half of her comic books and 32 then bought five more. She now has 21. With how many did she begin?
- 91) 250 students went on a field trip. Six buses 39 were filled and 16 students traveled in cars. How many students were in each bus?
- 93) The sum of three consecutive even numbers 2 is 42. What is the smallest of these numbers?
- 95) Anjali spent half of her weekly allowance on 10.60 clothes. To earn more money her parents let her clean the gutters for \$6.10. What is her weekly allowance if she ended with \$11.40?
- 97) Wilbur was going to sell all of his stamp 56 collection to buy a video game. After selling half of them he changed his mind. He then bought ten more. How many did he start with if he now has 38?
- 99) Nicole spent half of her weekly allowance 18.20 on candy. To earn more money her parents let her clean the oven for \$9.60. What is her weekly allowance if she ended with \$18.70?
- 101) Asanji won 79 super bouncy balls playing 18 hoops at his school's game night. Later, he gave four to each of his friends. He only has 7 remaining. How many friends does he have?
- 103) Jasmine spent half of her weekly allowance 8.66 at the movies. To earn more money her parents let her clean the oven for \$5.85. What is her weekly allowance if she ended with \$10.18?
- 105) Nicole spent half of her weekly allowance at 12.78 the movies. To earn more money her parents let her clean the gutters for \$5.79. What is her weekly allowance if she ended with \$12.18?
- 107) Eduardo won 57 lollipops playing the bean 14 bag toss at his school's game night. Later, he gave four to each of his friends. He only has 1 remaining. How many friends does he have?
- 88) For a field trip 18 students rode in cars and 27 the rest filled four buses. How many students were in each bus if 126 students were on the trip?
- 90) Norachai rented a bike from Adam's Bikes. 3 It cost \$17.10 plus \$5 per hour. If Norachai paid \$32.10 then he rented the bike for how many hours?
- 92) You bought a magazine for \$5.80 and some 6 erasers for \$5 each. You spent a total of \$35.80. How many erasers did you buy?
- 94) 256 students went on a field trip. Seven 34 buses were filled and 18 students traveled in cars. How many students were in each bus?
- 96) The sum of three consecutive even numbers 18 is 60. What is the smallest of these numbers?
- 98) Micaela spent half of her weekly allowance 10.40 on clothes. To earn more money her parents let her clean the gutters for \$8.50. What is her weekly allowance if she ended with \$13.70?
- 100) Ryan spent \$17.03 on a magazine and some 4 erasers. If the magazine cost \$5.87 and each eraser cost \$2.79 then how many erasers did he buy?
- 102) Julia won 52 pieces of gum playing hoops at 4 her school's game night. Later, she gave two to each of her friends. She only has 4 remaining. How many friends does she have?
- 104) Shanice spent half of her weekly allowance 6.62 playing mini-golf. To earn more money her parents let her mow the lawn for \$5.01. What is her weekly allowance if she ended with \$8.32?
- 106) 308 students went on a field trip. Eight 36 buses were filled and 20 students traveled in cars. How many students were in each bus?
- 108) 174 students went on a field trip. Five buses 31 were filled and 19 students traveled in cars. How many students were in each bus?

- 109) Scott's Bikes rents bikes for \$18.94 plus \$2.14 per hour. Jimmy paid \$25.36 to rent a bike. For how many hours did he rent the bike? **3**
- 110) Mark sold half of his comic books and then bought six more. He now has 28. With how many did he begin? **44**
- 111) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers? **13**
- 112) Lisa won 83 super bouncy balls playing hoops at the county fair. At school she gave four to every student in her math class. She only has 3 remaining. How many students are in her class? **20**
- 113) You bought a magazine for \$3.80 and six erasers. You spent a total of \$27.20. How much did each eraser cost? **\$3.90**
- 114) How old am I if 400 reduced by 3 times my age is 247? **51**
- 115) Jacob spent half of his weekly allowance buying pizza. To earn more money his parents let him weed the garden for \$9.80. What is his weekly allowance if he ended with \$19? **\$18.40**
- 116) Perry bought a magazine for \$2.10 and six candy bars. He spent a total of \$14.10. How much did each candy bar cost? **\$2**
- 117) You had \$24.80 to spend on five pencils. After buying them you had \$8.80. How much did each pencil cost? **\$3.20**
- 118) The sum of three consecutive numbers is 78. What is the smallest of these numbers? **25**
- 119) Amy was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought four more. How many did she start with if she now has 18? **28**
- 120) Ndiba sold half of his comic books and then bought eleven more. He now has 23. With how many did he begin? **24**
- 121) John spent half of his weekly allowance on candy. To earn more money his parents let him weed the garden for \$6.60. What is his weekly allowance if he ended with \$10.20? **\$7.20**
- 122) Imani won 58 lollipops playing the bean bag toss at the county fair. At school she gave two to every student in her math class. She only has 2 remaining. How many students are in her class? **28**
- 123) Sarawong won 54 lollipops playing hoops at the county fair. At school he gave two to every student in his math class. He only has 10 remaining. How many students are in his class? **12**
- 124) Half of your baseball card collection got wet and was ruined. You bought 9 cards to replace some that were lost. How many did you begin with if you now have 35? **12**
- 125) Kim was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought ten more. How many did she start with if she now has 29? **38**
- 126) A wise man once said, "500 reduced by 473 times my age is 208." What is his age? **73**
- 127) For a field trip 8 students rode in cars and the rest filled six buses. How many students were in each bus if 182 students were on the trip? **29**
- 128) How old am I if 500 reduced by 4 times my age is 184? **79**
- 129) A wise man once said, "500 reduced by 492 times my age is 132." What is his age? **42**

- 130) Julio won 71 lollipops playing the bean bag toss at the county fair. At school he gave four to every student in his math class. He only has 3 remaining. How many students are in his class? **17**
- 131) John spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$8.24. What is his weekly allowance if he ended with \$14.29? **\$12.10**
- 132) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 44? **16**
- 133) The sum of three consecutive even numbers is 90. What is the smallest of these numbers? **28**
- 134) Shawna was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought fifteen more. How many did she start with if she now has 45? **60**
- 135) You bought a magazine for \$4.22 and some erasers for \$3.83 each. You spent a total of \$19.54. How many erasers did you buy? **4**
- 136) Aliyah had \$23.28 to spend on two advocados. After buying them she had \$18.18. How much did each avocado cost? **\$2.55**
- 137) How old am I if 300 reduced by 3 times my age is 72? **76**
- 138) How old am I if 200 reduced by 2 times my age is 74? **63**
- 139) Carlos spent half of his weekly allowance at the movies. To earn more money his parents let him mow the lawn for \$6.06. What is his weekly allowance if he ended with \$10.44? **\$8.76**
- 140) Darryl spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$7.91. What is his weekly allowance if he ended with \$14.63? **\$13.44**
- 141) Totsakan spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$7.13. What is his weekly allowance if he ended with \$10.76? **\$7.26**
- 142) Kayla rented a bike from Jacob's Bikes. It cost \$15.30 plus \$7.30 per hour. If Kayla paid \$73.70 then she rented the bike for how many hours? **8**
- 143) How old am I if 400 reduced by 4 times my age is 144? **64**
- 144) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 21? **10**
- 145) A wise man once said, "400 reduced by 3 times my age is 124." What is his age? **392**
- 146) For a field trip 15 students rode in cars and the rest filled nine buses. How many students were in each bus if 204 students were on the trip? **21**
- 147) Jasmine sold half of her comic books and then bought eleven more. She now has 35. With how many did she begin? **48**
- 148) Jack won 94 super bouncy balls playing hoops at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class? **23**
- 149) You had \$22.10 to spend on five advocados. After buying them you had \$7.60. How much did each avocado cost? **\$2.90**
- 150) Abhasra won 94 super bouncy balls playing horseshoes at the county fair. At school she gave four to every student in her math class. She only has 6 remaining. How many students are in her class? **22**

- 151) Ryan spent half of his weekly allowance **\$10** playing arcade games. To earn more money his parents let him clean the oven for \$9.70. What is his weekly allowance if he ended with \$14.70?
- 152) The sum of three consecutive even numbers **24** is 78. What is the smallest of these numbers?
- 153) You bought a magazine for \$3.30 and some **2** erasers for \$2.50 each. You spent a total of \$8.30. How many erasers did you buy?
- 154) Scott had \$22.10 to spend on three raffle **\$3.10** tickets. After buying them he had \$12.80. How much did each raffle ticket cost?
- 155) Kayla sold half of her comic books and then **28** bought fourteen more. She now has 28. With how many did she begin?
- 156) Nicole won 74 super bouncy balls playing **24** hoops at her school's game night. Later, she gave three to each of her friends. She only has 2 remaining. How many friends does she have?
- 157) Amy won 58 super bouncy balls playing **25** hoops at her school's game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends does she have?
- 158) You had \$20.70 to spend on three **\$2.30** advocados. After buying them you had \$13.80. How much did each avocado cost?
- 159) Beth won 45 lollipops playing basketball at **4** her school's game night. Later, she gave three to each of her friends. She only has 3 remaining. How many friends does she have?
- 160) How old am I if 500 reduced by 4 times my **61** age is 256?
- 161) Amanda spent half of her weekly allowance **\$17.80** playing mini-golf. To earn more money her parents let her mow the lawn for \$5.69. What is her weekly allowance if she ended with \$14.59?
- 162) Totsakan's Bikes rents bikes for \$15.89 plus **5** \$5 per hour. Paul paid \$40.89 to rent a bike. For how many hours did he rent the bike?
- 163) A wise man once said, "500 reduced by **480** times my age is 180." What is his age?
- 164) How old am I if 400 reduced by 4 times my **92** age is 32?
- 165) Jill was going to sell all of her stamp **36** collection to buy a video game. After selling half of them she changed her mind. She then bought five more. How many did she start with if she now has 23?
- 166) How old am I if 300 reduced by 2 times my **85** age is 130?
- 167) Mary sold half of her comic books and then **44** bought twelve more. She now has 34. With how many did she begin?
- 168) You bought a magazine for \$5.86 and five **\$2.12** candy bars. You spent a total of \$16.46. How much did each candy bar cost?
- 169) Jasmine won 33 lollipops playing hoops at **13** the county fair. At school she gave two to every student in her math class. She only has 7 remaining. How many students are in her class?
- 170) You had \$20.53 to spend on five notebooks. **\$3.90** After buying them you had \$1.03. How much did each notebook cost?

- 171) You had \$21.40 to spend on four raffle tickets. After buying them you had \$8.60. How much did each raffle ticket cost? **\$3.20**
- 172) You had \$20.10 to spend on seven notebooks. After buying them you had \$3.30. How much did each notebook cost? **\$2.40**
- 173) How old am I if 300 reduced by 2 times my age is 122? **89**
- 174) Aliyah spent half of her weekly allowance buying pizza. To earn more money her parents let her mow the lawn for \$7.50. What is her weekly allowance if she ended with \$14.10? **\$13.20**
- 175) You had \$23.50 to spend on three pens. After buying them you had \$15.10. How much did each pen cost? **\$2.80**
- 176) Mike spent half of his weekly allowance on candy. To earn more money his parents let him wash the dog for \$7.50. What is his weekly allowance if he ended with \$13.30? **\$11.60**
- 177) Norachai sold half of his comic books and then bought eighteen more. He now has 31. With how many did he begin? **26**
- 178) Stefan's Bikes rents bikes for \$18.60 plus \$2.20 per hour. Trevon paid \$34 to rent a bike. For how many hours did he rent the bike? **7**
- 179) 379 students went on a field trip. Nine buses were filled and 28 students traveled in cars. How many students were in each bus? **39**
- 180) Huong rented a bike from Julia's Bikes. It cost \$17.10 plus \$7.70 per hour. If Huong paid \$63.30 then she rented the bike for how many hours? **6**
- 181) A wise man once said, "500 reduced by 4 times my age is 144." What is his age? **89**
- 182) How old am I if 400 reduced by 2 times my age is 218? **91**
- 183) How old am I if 400 reduced by 2 times my age is 228? **86**
- 184) Carlos spent half of his weekly allowance on clothes. To earn more money his parents let him clean the windows in the house for \$9.30. What is his weekly allowance if he ended with \$14.80? **\$11**
- 185) How old am I if 400 reduced by 4 times my age is 112? **72**
- 186) How old am I if 500 reduced by 2 times my age is 316? **92**
- 187) Kathryn spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$9.60. What is her weekly allowance if she ended with \$13.90? **\$8.60**
- 188) Shayna spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$8.10. What is her weekly allowance if she ended with \$16? **\$15.80**
- 189) Julia spent \$40.50 on a magazine and some erasers. If the magazine cost \$2.10 and each eraser cost \$4.80 then how many erasers did she buy? **8**
- 190) Asanji won 83 super bouncy balls playing the bean bag toss at his school's game night. Later, he gave three to each of his friends. He only has 5 remaining. How many friends does he have? **26**
- 191) Huong won 47 lollipops playing horseshoes at her school's game night. Later, she gave three to each of her friends. She only has 8 remaining. How many friends does she have? **13**
- 192) Kali sold half of her comic books and then bought sixteen more. She now has 43. With how many did she begin? **54**

- 193) Nicole was going to sell all of her stamp 60 collection to buy a video game. After selling half of them she changed her mind. She then bought twelve more. How many did she start with if she now has 42?
- 194) A wise man once said, "400 reduced by 356 times my age is 232." What is his age?
- 195) Krystal had \$21.90 to spend on eight pens. \$2.52 After buying them she had \$1.74. How much did each pen cost?
- 196) You had \$22.91 to spend on four raffle \$2.78 tickets. After buying them you had \$11.79. How much did each raffle ticket cost?
- 197) DeShawn spent half of his weekly \$8 allowance at the movies. To earn more money his parents let him weed the garden for \$7.81. What is his weekly allowance if he ended with \$11.81?
- 198) Molly spent half of her weekly allowance on \$19.04 clothes. To earn more money her parents let her mow the lawn for \$6.03. What is her weekly allowance if she ended with \$15.55?
- 199) For a field trip 8 students rode in cars and 41 the rest filled four buses. How many students were in each bus if 172 students were on the trip?
- 200) Jennifer won 114 super bouncy balls playing 28 the bean bag toss at the county fair. At school she gave four to every student in her math class. She only has 2 remaining. How many students are in her class?
- 201) Eduardo bought four posters. A week later 28 half of all his posters were destroyed in a fire. There are now only 16 posters left. With how many did he start?
- 202) Emily was going to sell all of her stamp 42 collection to buy a video game. After selling half of them she changed her mind. She then bought eighteen more. How many did she start with if she now has 39?
- 203) Perry sold half of his comic books and then 32 bought seventeen more. He now has 33. With how many did he begin?
- 204) Shreya won 32 lollipops playing horseshoes 14 at the county fair. At school she gave two to every student in her math class. She only has 4 remaining. How many students are in her class?
- 205) The sum of three consecutive even number 38 is 90. What is the smallest of these numbers?
- 206) Anjali won 122 pieces of gum playing 30 horseshoes at her school's game night. Later, she gave four to each of her friends. She only has 2 remaining. How many friends does she have?
- 207) For a field trip 14 students rode in cars and 47 the rest filled three buses. How many students were in each bus if 155 students were on the trip?
- 208) Maria had some candy to give to her three 18 children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 209) You bought a magazine for \$4 and some 5 erasers for \$4.70 each. You spent a total of \$27.50. How many erasers did you buy?
- 210) Totsakan spent half of his weekly allowance \$11.60 on clothes. To earn more money his parents let him clean the oven for \$8.50. What is his weekly allowance if he ended with \$14.30?

- 211) On Tuesday Chelsea bought five CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday? **27**
- 212) Half of your baseball card collection got wet and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 38? **42**
- 213) A wise man once said, "400 reduced by times my age is 133." What is his age? **389**
- 214) Paul sold half of his comic books and then bought six more. He now has 34. With how many did he begin? **56**
- 215) Jaidee had \$21.10 to spend on five raffle tickets. After buying them she had \$3.60. How much did each raffle ticket cost? **\$3.50**
- 216) Beth's Bikes rents bikes for \$15 plus \$4.40 per hour. Cody paid \$32.60 to rent a bike. For how many hours did he rent the bike? **4**
- 217) James had some candy to give to his three children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start? **25**
- 218) Rob spent half of his weekly allowance buying pizza. To earn more money his parents let him wash the car for \$9.60. What is his weekly allowance if he ended with \$13.20? **\$7.20**
- 219) Lisa had some candy to give to her four children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start? **14**
- 220) Kali spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$7.93. What is her weekly allowance if she ended with \$16.36? **\$16.86**
- 221) How old am I if 400 reduced by 2 times my age is 228? **86**
- 222) For a field trip 11 students rode in cars and the rest filled seven buses. How many students were in each bus if 333 students were on the trip? **46**
- 223) Castel spent \$12.46 on a magazine and two notepads. If the magazine cost \$2.56 then how much was each notepad? **\$4.95**
- 224) Matt was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eleven more. How many did he start with if he now has 30? **38**
- 225) Aliyah bought six boxes. A week later half of all her boxes were destroyed in a fire. There are now only 18 boxes left. With how many did she start? **30**
- 226) The sum of three consecutive odd numbers is 75. What is the smallest of these numbers? **23**
- 227) Joe won 118 super bouncy balls playing hoops at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class? **29**
- 228) Beth won 102 lollipops playing the bean bag toss at the county fair. At school she gave four to every student in her math class. She only has 6 remaining. How many students are in her class? **24**
- 229) Sarawong had some candy to give to his four children. He first took nine pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start? **21**
- 230) Darryl spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$6.82. What is his weekly allowance if he ended with \$12.83? **\$12.02**

- 231) Kayla spent half of her weekly allowance \$18.20 buying pizza. To earn more money her parents let her weed the garden for \$7.60. What is her weekly allowance if she ended with \$16.70?
- 232) Wilbur's Bikes rents bikes for \$16.90 plus \$4.50 per hour. Kim paid \$39.40 to rent a bike. For how many hours did she rent the bike?
- 233) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 31?
- 234) Abhasra had some candy to give to her four children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 235) Micaela bought eight hats. A week later half of all her hats were destroyed in a fire. There are now only 23 hats left. With how many did she start?
- 236) For a field trip 17 students rode in cars and the rest filled three buses. How many students were in each bus if 83 students were on the trip?
- 237) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 18?
- 238) Bill won 53 lollipops playing the bean bag toss at the county fair. At school he gave two to every student in his math class. He only has 1 remaining. How many students are in his class?
- 239) On Tuesday Arjun bought ten boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 14 left. How many did he have on Monday?
- 240) Maria had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 241) The sum of three consecutive even numbers is 60. What is the smallest of these numbers?
- 242) Lea spent half of her weekly allowance on clothes. To earn more money her parents let her clean the windows in the house for \$6.80. What is her weekly allowance if she ended with \$15.40?
- 243) 205 students went on a field trip. Six buses were filled and 25 students traveled in cars. How many students were in each bus?
- 244) Kristin won 107 super bouncy balls playing the bean bag toss at her school's game night. Later, she gave four to each of her friends. She only has 7 remaining. How many friends does she have?
- 245) Danielle had some candy to give to her four children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 246) Jose had some candy to give to his four children. He first took three pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 247) Amy sold half of her comic books and then bought twelve more. She now has 36. With how many did she begin?
- 248) Norachai won 64 lollipops playing the bean bag toss at his school's game night. Later, he gave three to each of his friends. He only has 7 remaining. How many friends does he have?

- 249) You had \$23.70 to spend on five notebooks. ~~\$3.40~~ After buying them you had \$6.70. How much did each notebook cost? **\$3.40**
- 251) Ted was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nineteen more. How many did he start with if he now has 41? **44**
- 253) Pranav rented a bike from Stephanie's Bikes. It cost \$14.76 plus \$2.40 per hour. If Pranav paid \$19.56 then he rented the bike for how many hours? **2**
- 255) A wise man once said, "400 reduced by 3 times my age is 178." What is his age? **374**
- 257) Mary spent half of her weekly allowance on the movies. To earn more money her parents let her clean the oven for \$7.18. What is her weekly allowance if she ended with \$15.93? **\$17.50**
- 259) 208 students went on a field trip. Seven buses were filled and 19 students traveled in cars. How many students were in each bus? **27**
- 261) Kristin was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought seven more. How many did she start with if she now has 20? **26**
- 263) How old am I if 400 reduced by 4 times my age is 164? **59**
- 265) Shayna had some candy to give to her four children. She first took six pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start? **22**
- 267) Trevon spent half of his weekly allowance on clothes. To earn more money his parents let him clean the oven for \$6. What is his weekly allowance if he ended with \$11.50? **\$11**
- 269) Julio spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$5.10. What is his weekly allowance if he ended with \$11.90? **\$13.60**
- 250) The sum of three consecutive even numbers is 36. What is the smallest of these numbers? **10**
- 252) Paul bought four hats. A week later half of all his hats were destroyed in a fire. There are now only 17 hats left. With how many did he start? **10**
- 254) How old am I if 300 reduced by 3 times my age is 36? **88**
- 256) Jill had some candy to give to her four children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start? **25**
- 258) Stefan won 46 lollipops playing the bean bag toss at the county fair. At school he gave two to every student in his math class. He only has 4 remaining. How many students are in his class? **21**
- 260) A wise man once said, "400 reduced by twice my age is 294." What is his age? **53**
- 262) For a field trip 5 students rode in cars and the rest filled nine buses. How many students were in each bus if 284 students were on the trip? **31**
- 264) How old am I if 400 reduced by 4 times my age is 116? **71**
- 266) Sarawong spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the windows in the house for \$5.90. What is his weekly allowance if he ended with \$12.60? **\$13.40**
- 268) Ashley had \$21 to spend on four pencils. After buying them she had \$9.80. How much did each pencil cost? **\$2.80**
- 270) Mark bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 13 CDs left. With how many did he start? **22**

- 271) Anjali bought seven posters. A week later $\frac{1}{2}$ of all her posters were destroyed in a fire. There are now only 18 posters left. With how many did she start?
- 272) Carlos rented a bike from Ndiba's Bikes. It cost \$15.30 plus \$6.10 per hour. If Carlos paid \$51.90 then he rented the bike for how many hours?
- 273) Jacob sold half of his comic books and then bought eleven more. He now has 38. With how many did he begin?
- 274) Adam won 68 lollipops playing hoops at his school's game night. Later, he gave two to each of his friends. He only has 10 remaining. How many friends does he have?
- 275) Wilbur had some candy to give to his three children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 276) Elisa won 40 super bouncy balls playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 10 remaining. How many friends does she have?
- 277) Scott spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for \$7.80. What is his weekly allowance if he ended with \$12.30?
- 278) For a field trip 26 students rode in cars and the rest filled ten buses. How many students were in each bus if 316 students were on the trip?
- 279) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?
- 280) How old am I if 400 reduced by 4 times my age is 36?
- 281) Shanice bought nine CDs. A week later half of all her CDs were destroyed in a fire. There are now only 18 CDs left. With how many did she start?
- 282) Stephanie bought six posters. A week later half of all her posters were destroyed in a fire. There are now only 17 posters left. With how many did she start?
- 283) Jenny was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought eight more. How many did she start with if she now has 26?
- 284) Krystal won 130 lollipops playing hoops at her school's game night. Later, she gave four to each of her friends. She only has 6 remaining. How many friends does she have?
- 285) You bought a magazine for \$6.79 and some erasers for \$4.12 each. You spent a total of \$27.39. How many erasers did you buy?
- 286) How old am I if 300 reduced by 4 times my age is 20?
- 287) Gabriella spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$7.50. What is her weekly allowance if she ended with \$12.09?
- 288) Jack had some candy to give to his three children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 289) Jennifer had \$21.56 to spend on six pens. After buying them she had \$3.62. How much did each pen cost?
- 290) A wise man once said, "400 reduced by times my age is 136." What is his age?
- 291) How old am I if 400 reduced by 3 times my age is 250?
- 292) Eugene bought eight CDs. A week later half of all his CDs were destroyed in a fire. There are now only 22 CDs left. With how many did he start?

- 293) Perry was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought thirteen more. How many did he start with if he now has 43? **60**
- 294) Jimmy sold half of his comic books and then bought thirteen more. He now has 25. With how many did he begin? **24**
- 295) Kathryn rented a bike from Kayla's Bikes. It cost \$14.20 plus \$7.20 per hour. If Kathryn paid \$64.60 then she rented the bike for how many hours? **17**
- 296) Kayla bought five posters. A week later half of all her posters were destroyed in a fire. There are now only 18 posters left. With how many did she start? **31**
- 297) Julia had some candy to give to her three children. She first took six pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start? **15**
- 298) Totsakan spent \$13.60 on a magazine and some erasers. If the magazine cost \$6.10 and each eraser cost \$2.50 then how many erasers did he buy? **3**
- 299) Imani spent half of her weekly allowance on the movies. To earn more money her parents let her clean the windows in the house for \$5.50. What is her weekly allowance if she ended with \$11.50? **\$12**
- 300) A wise man once said, "500 reduced by twice my age is 358." What is his age? **71**
- 301) Mei had some candy to give to her four children. She first took four pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start? **24**
- 302) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into five pieces and sold. There were a total of 55 pieces to sell. How many pies did the club make? **7**
- 303) Sumalee sold half of her comic books and then bought eighteen more. She now has 34. With how many did she begin? **32**
- 304) Cody had \$21.10 to spend on two raffle tickets. After buying them he had \$15.50. How much did each raffle ticket cost? **\$2.80**
- 305) Natalie spent \$42.50 on a magazine and some erasers. If the magazine cost \$3.30 and each eraser cost \$4.90 then how many erasers did she buy? **8**
- 306) Jill wanted to make note cards by cutting pieces of paper in half. Before starting she got six more pieces to use. When she was done she had 22 half-pieces of paper. With how many pieces did she start? **5**
- 307) On Tuesday Lisa bought eight boxes. On Wednesday half of all the boxes that she had were destroyed. On Thursday there were only 18 left. How many did she have on Monday? **28**
- 308) Kali bought five CDs. A week later half of all her CDs were destroyed in a fire. There are now only 18 CDs left. With how many did she start? **61**
- 309) Alberto spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$7.40. What is his weekly allowance if he ended with \$12.40? **\$10**
- 310) How old am I if 500 reduced by 3 times my age is 296? **68**
- 311) For a field trip 23 students rode in cars and the rest filled ten buses. How many students were in each bus if 493 students were on the trip? **47**

- 312) The Cooking Club made some pies to sell 6 during lunch to raise money for a field trip. The cafeteria helped by donating three pies to the club. Each pie was then cut into six pieces and sold. There were a total of 54 pieces to sell. How many pies did the club make?
- 313) Molly spent half of her weekly allowance at \$18.26 the movies. To earn more money her parents let her weed the garden for \$7.86. What is her weekly allowance if she ended with \$16.99?
- 314) Scott had some candy to give to his three 20 children. He first took eight pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?
- 315) The sum of three consecutive even numbers 16 is 54. What is the smallest of these numbers?
- 316) Ndiba won 75 lollipops playing horseshoes 24 at the county fair. At school he gave three to every student in his math class. He only has 3 remaining. How many students are in his class?
- 317) On Tuesday Sarawong bought nine hats. On 27 Wednesday half of all the hats that he had were destroyed. On Thursday there were only 18 left. How many did he have on Monday?
- 318) On Tuesday Darryl bought seven posters. 29 On Wednesday half of all the posters that he had were destroyed. On Thursday there were only 18 left. How many did he have on Monday?
- 319) Chelsea sold half of her comic books and 24 then bought thirteen more. She now has 25. With how many did she begin?
- 320) Kim won 59 super bouncy balls playing 14 basketball at the county fair. At school she gave four to every student in her math class. She only has 3 remaining. How many students are in her class?
- 321) Rob spent \$17.26 on a magazine and three \$4.53 candy bars. If the magazine cost \$3.67 then how much was each candy bar?
- 322) The Cooking Club made some pies to sell 6 during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 80 pieces to sell. How many pies did the club make?
- 323) Jasmine had some candy to give to her three 14 children. She first took five pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 324) Micaela spent half of her weekly allowance \$19.68 on clothes. To earn more money her parents let her wash the dog for \$9.50. What is her weekly allowance if she ended with \$19.30?
- 325) Adam bought a magazine for \$5.20 and five \$4.80 erasers. He spent a total of \$29.20. How much did each eraser cost?
- 326) John won 109 lollipops playing horseshoes 25 at the county fair. At school he gave four to every student in his math class. He only has 9 remaining. How many students are in his class?
- 327) Arjun won 82 pieces of gum playing 20 horseshoes at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class?
- 328) On Tuesday Ryan bought eight hats. On 26 Wednesday half of all the hats that he had were destroyed. On Thursday there were only 17 left. How many did he have on Monday?
- 329) Eugene was going to sell all of his stamp 48 collection to buy a video game. After selling half of them he changed his mind. He then bought eighteen more. How many did he start with if he now has 42?

- 330) 260 students went on a field trip. Five buses were filled and 20 students traveled in cars. How many students were in each bus? **48**
- 331) Half of your baseball card collection got wet and was ruined. You bought 18 cards to replace some that were lost. How many did you begin with if you now have 46? **46**
- 332) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating three pies to the club. Each pie was then cut into four pieces and sold. There were a total of 52 pieces to sell. How many pies did the club make? **10**
- 333) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 91 pieces to sell. How many pies did the club make? **10**
- 334) Jose had some candy to give to his three children. He first took one piece for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start? **10**
- 335) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers? **11**
- 336) Norachai spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$5.40. What is his weekly allowance if he ended with \$10.70? **\$10.60**
- 337) How old am I if 500 reduced by 2 times my age is 304? **98**
- 338) Amanda bought ten boxes. A week later half of all her boxes were destroyed in a fire. There are now only 18 boxes left. With how many did she start? **26**
- 339) Ted had some paper with which to make note cards. On his way to his room he found four more pieces to use. In his room he cut each piece of paper in half. When he was done he had 28 half-pieces of paper. With how many sheets of paper did he start? **10**
- 340) Jennifer sold half of her comic books and then bought six more. She now has 24. With how many did she begin? **36**
- 341) Pranav spent \$36.90 on a magazine and some candy bars. If the magazine cost \$6.38 and each candy bar cost \$4.36 then how many candy bars did he buy? **7**
- 342) You had \$24.81 to spend on six notebooks. After buying them you had \$4.77. How much did each notebook cost? **\$3.34**
- 343) Emily won 57 pieces of gum playing the bean bag toss at the county fair. At school she gave four to every student in her math class. She only has 5 remaining. How many students are in her class? **13**
- 344) Jill had some candy to give to her three children. She first took eight pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start? **14**
- 345) Bill had some candy to give to his four children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start? **30**
- 346) A wise man once said, "400 reduced by times my age is 118." What is his age? **394**
- 347) Stefan spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$6.87. What is his weekly allowance if he ended with \$11? **\$8.26**

- 348) Lea rented a bike from Trevon's Bikes. It cost \$19.01 plus \$6.24 per hour. If Lea paid \$56.45 then she rented the bike for how many hours? **6**
- 349) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 112 pieces to sell. How many pies did the club make? **10**
- 350) Mike sold half of his comic books and then bought nineteen more. He now has 49. With how many did he begin? **60**
- 351) On Tuesday Shanice bought four hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 21 left. How many did she have on Monday? **38**
- 352) For a field trip 7 students rode in cars and the rest filled three buses. How many students were in each bus if 103 students were on the trip? **32**
- 353) Julio won 47 lollipops playing the bean bag toss at the county fair. At school he gave three to every student in his math class. He only has 2 remaining. How many students are in his class? **15**
- 354) Amy won 46 super bouncy balls playing the bean bag toss at the county fair. At school she gave two to every student in her math class. She only has 4 remaining. How many students are in her class? **21**
- 355) Sumalee bought seven boxes. A week later half of all her boxes were destroyed in a fire. There are now only 13 boxes left. With how many did she start? **19**
- 356) Trevon spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$9.10. What is his weekly allowance if he ended with \$12.30? **\$6.40**
- 357) Ashley spent half of her weekly allowance at the movies. To earn more money her parents let her wash the car for \$9.20. What is her weekly allowance if she ended with \$18.30? **\$18.20**
- 358) The sum of three consecutive even numbers is 84. What is the smallest of these numbers? **36**
- 359) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into four pieces and sold. There were a total of 44 pieces to sell. How many pies did the club make? **9**
- 360) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed two pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 84 pieces to sell. How many pies did the club make? **10**
- 361) Castel bought five CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start? **37**
- 362) You bought a magazine for \$4 and three erasers. You spent a total of \$16.30. How much did each eraser cost? **\$4.10**
- 363) Adam sold half of his comic books and then bought seven more. He now has 31. With how many did he begin? **48**
- 364) Mary won 93 pieces of gum playing the bean bag toss at her school's game night. Later, she gave four to each of her friends. She only has 1 remaining. How many friends does she have? **23**
- 365) On Tuesday Ming bought eight hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 12 left. How many did she have on Monday? **16**

- 366) Scott wanted to make note cards by cutting 7 pieces of paper in half. Before starting he got four more pieces to use. When he was done he had 22 half-pieces of paper. With how many pieces did he start?
- 367) Jessica spent half of her weekly allowance \$16.20 on clothes. To earn more money her parents let her clean the oven for \$4.90. What is her weekly allowance if she ended with \$13?
- 368) For a field trip 11 students rode in cars and 29 the rest filled four buses. How many students were in each bus if 127 students were on the trip?
- 369) Huong rented a bike from Jill's Bikes. It cost \$13.90 plus \$4.30 per hour. If Huong paid \$22.50 then she rented the bike for how many hours?
- 370) The Cooking Club made some pies to sell 8 during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 88 pieces to sell. How many pies did the club make?
- 371) Jenny had some candy to give to her four 18 children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 372) Krystal sold half of her comic books and 54 then bought twelve more. She now has 39. With how many did she begin?
- 373) Jaidee won 82 pieces of gum playing the 25 bean bag toss at the county fair. At school she gave three to every student in her math class. She only has 7 remaining. How many students are in her class?
- 374) DeShawn bought a magazine for \$5.70 and \$4.72 two candy bars. He spent a total of \$15.14. How much did each candy bar cost?
- 375) Gabriella wanted to make note cards by 9 cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 28 half-pieces of paper. With how many pieces did she start?
- 376) James was going to sell all of his stamp 26 collection to buy a video game. After selling half of them he changed his mind. He then bought nineteen more. How many did he start with if he now has 32?
- 377) On Tuesday Jennifer bought nine CDs. On 1 Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 20 left. How many did she have on Monday?
- 378) Shreya had \$23.03 to spend on five \$2.80 advocados. After buying them she had \$9.03. How much did each avocado cost?
- 379) A wise man once said, "500 reduced by 470 times my age is 220." What is his age?
- 380) Eugene had some candy to give to his three 13 children. He first took four pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 381) Perry had some candy to give to his three 13 children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 382) A wise man once said, "500 reduced by 495 times my age is 120." What is his age?
- 383) Wilbur spent half of his weekly allowance \$8.90 on candy. To earn more money his parents let him clean the windows in the house for \$8.98. What is his weekly allowance if he ended with \$13.43?

- 384) Shayna's Bikes rents bikes for \$15.80 plus \$4.40 per hour. Danielle paid \$33.40 to rent a bike. For how many hours did she rent the bike? **4**
- 385) Julia had some paper with which to make note cards. On her way to her room she found seven more pieces to use. In her room she cut each piece of paper in half. When she was done she had 20 half-pieces of paper. With how many sheets of paper did she start? **3**
- 386) Totsakan bought ten posters. A week later half of all his posters were destroyed in a fire. There are now only 19 posters left. With how many did he start? **28**
- 387) Willie rented a bike from Arjun's Bikes. It cost \$10.90 plus \$5 per hour. If Willie paid \$45.90 then he rented the bike for how many hours? **7**
- 388) Nicole won 62 pieces of gum playing hoops at her school's game night. Later, she gave three to each of her friends. She only has 8 remaining. How many friends does she have? **18**
- 389) A wise man once said, "400 reduced by times my age is 160." What is his age? **380**
- 390) Paul had some candy to give to his four children. He first took three pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start? **23**
- 391) Sumalee spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$9. What is her weekly allowance if she ended with \$15.20? **\$12.40**
- 392) Cody spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$9. What is his weekly allowance if he ended with \$14? **\$10**
- 393) 417 students went on a field trip. Ten buses were filled and 27 students traveled in cars. How many students were in each bus? **39**
- 394) Jack had some paper with which to make note cards. On his way to his room he found two more pieces to use. In his room he cut each piece of paper in half. When he was done he had 14 half-pieces of paper. With how many sheets of paper did he start? **5**
- 395) Lisa wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 24 half-pieces of paper. With how many pieces did she start? **7**
- 396) On Tuesday Kali bought five CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday? **27**
- 397) You had \$21.60 to spend on two advocados. After buying them you had \$15.20. How much did each avocado cost? **\$3.20**
- 398) Lea sold half of her comic books and then bought twenty more. She now has 38. With how many did she begin? **36**
- 399) Shawna won 35 super bouncy balls playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 7 remaining. How many friends does she have? **14**
- 400) Jimmy had some candy to give to his four children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start? **26**