

## Two-step equations - word problems - integers

- 1) 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 45?
- 2) Daniel spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$5. What is his weekly allowance if he ended with \$10?
- 3) DeShawn's Bikes rents bikes for \$11 plus \$5 per hour. Maria paid \$51 to rent a bike. For how many hours did she rent the bike?
- 4) You had \$21 to spend on seven raffle tickets. After buying them you had \$0. How much did each raffle ticket cost?
- 5) The sum of three consecutive odd numbers is 87. What is the smallest of these numbers?
- 6) Anjali had \$20 to spend on two pens. After buying them she had \$16. How much did each pen cost?
- 7) Kim sold half of her comic books and then bought eight more. She now has 38. With how many did she begin?
- 8) The sum of three consecutive even numbers is 36. What is the smallest of these numbers?
- 9) Emily spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the car for \$9. What is her weekly allowance if she ended with \$16?
- 10) The sum of three consecutive even numbers is 66. What is the smallest of these numbers?
- 11) Jasmine spent half of her weekly allowance at the movies. To earn more money her parents let her clean the oven for \$7. What is her weekly allowance if she ended with \$16?
- 12) Shawna sold half of her comic books and then bought five more. She now has 24. With how many did she begin?
- 13) You bought a magazine for \$2 and some erasers for \$5 each. You spent a total of \$12. How many erasers did you buy?
- 14) Danielle spent half of her weekly allowance at the movies. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$16?
- 15) 285 students went on a field trip. Five buses were filled and 15 students traveled in cars. How many students were in each bus?
- 16) Willie spent half of his weekly allowance on candy. To earn more money his parents let him clean the oven for \$10. What is his weekly allowance if he ended with \$20?
- 17) Brenda 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 thirteen more. How many did she start with if she now has 33?
- 18) 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 29?
- 19) Aliyah had \$24 to spend on three notebooks. After buying them she had \$12. How much did each notebook cost?
- 20) Trevon's Bikes rents bikes for \$18 plus \$8 per hour. Jaidee paid \$74 to rent a bike. For how many hours did she rent the bike?

- 21) Joe spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the dog for \$7. What is his weekly allowance if he ended with \$12?
- 22) 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 sixteen more. How many did she start with if she now has 40?
- 23) Norachai rented a bike from Adam's Bikes. It cost \$20 plus \$6 per hour. If Norachai paid \$50 then he rented the bike for how many hours?
- 24) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?
- 25) Willie spent half of his weekly allowance on clothes. To earn more money his parents let him weed the garden for \$5. What is his weekly allowance if he ended with \$12?
- 26) 397 students went on a field trip. Eight buses were filled and 29 students traveled in cars. How many students were in each bus?
- 27) 259 students went on a field trip. Eight buses were filled and 27 students traveled in cars. How many students were in each bus?
- 28) Abhasra sold half of her comic books and then bought eighteen more. She now has 46. With how many did she begin?
- 29) Elisa bought a magazine for \$6 and five candy bars. She spent a total of \$26. How much did each candy bar cost?
- 30) The sum of three consecutive even numbers is 84. What is the smallest of these numbers?
- 31) Castel bought a magazine for \$3 and seven erasers. He spent a total of \$24. How much did each eraser cost?
- 32) 172 students went on a field trip. Five buses were filled and 27 students traveled in cars. How many students were in each bus?
- 33) 140 students went on a field trip. Six buses were filled and 8 students traveled in cars. How many students were in each bus?
- 34) Ryan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$12?
- 35) 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 29?
- 36) You bought a magazine for \$7 and some candy bars for \$3 each. You spent a total of \$16. How many candy bars did you buy?
- 37) Adam 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 31?
- 38) Shanice spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$9. What is her weekly allowance if she ended with \$14?
- 39) Daniel had \$25 to spend on six pens. After buying them he had \$1. How much did each pen cost?
- 40) For a field trip 19 students rode in cars and the rest filled six buses. How many students were in each bus if 211 students were on the trip?
- 41) 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 22?
- 42) 280 students went on a field trip. Eight buses were filled and 16 students traveled in cars. How many students were in each bus?

- 43) Amanda 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 thirteen more. How many did she start with if she now has 37?
- 44) Mei spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$4. What is her weekly allowance if she ended with \$7?
- 45) The sum of three consecutive numbers is 69. What is the smallest of these numbers?
- 46) The sum of three consecutive odd numbers is 63. What is the smallest of these numbers?
- 47) Castel spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$5. What is his weekly allowance if he ended with \$15?
- 48) You bought a magazine for \$7 and some erasers for \$4 each. You spent a total of \$39. How many erasers did you buy?
- 49) The sum of three consecutive even numbers is 60. What is the smallest of these numbers?
- 50) The sum of three consecutive numbers is 84. What is the smallest of these numbers?
- 51) Jessica 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 24?
- 52) Mofor sold half of his comic books and then bought nine more. He now has 27. With how many did he begin?
- 53) Huong bought a magazine for \$2 and eight erasers. She spent a total of \$34. How much did each eraser cost?
- 54) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 17?
- 55) Arjun spent half of his weekly allowance at the movies. To earn more money his parents let him mow the lawn for \$8. What is his weekly allowance if he ended with \$15?
- 56) For a field trip 26 students rode in cars and the rest filled nine buses. How many students were in each bus if 332 students were on the trip?
- 57) Jaidee spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$10. What is her weekly allowance if she ended with \$18?
- 58) Gabriella spent half of her weekly allowance on candy. To earn more money her parents let her clean the gutters for \$7. What is her weekly allowance if she ended with \$11?
- 59) 224 students went on a field trip. Four buses were filled and 4 students traveled in cars. How many students were in each bus?
- 60) Bill 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 37?
- 61) John sold half of his comic books and then bought fourteen more. He now has 44. With how many did he begin?
- 62) The sum of three consecutive numbers is 66. What is the smallest of these numbers?
- 63) 133 students went on a field trip. Three buses were filled and 7 students traveled in cars. How many students were in each bus?
- 64) For a field trip 13 students rode in cars and the rest filled three buses. How many students were in each bus if 127 students were on the trip?

- 65) Norachai bought a magazine for \$7 and three candy bars. He spent a total of \$19. How much did each candy bar cost?
- 66) Kathryn spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$5. What is her weekly allowance if she ended with \$9?
- 67) Aliyah spent \$34 on a magazine and six erasers. If the magazine cost \$4 then how much was each eraser?
- 68) Julia had \$20 to spend on eight advocados. After buying them she had \$4. How much did each advocado cost?
- 69) The sum of three consecutive numbers is 78. What is the smallest of these numbers?
- 70) Totsakan sold half of his comic books and then bought twenty more. He now has 33. With how many did he begin?
- 71) Ashley 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 fourteen more. How many did she start with if she now has 26?
- 72) Nicole rented a bike from Jacob's Bikes. It cost \$11 plus \$3 per hour. If Nicole paid \$23 then she rented the bike for how many hours?
- 73) 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 28?
- 74) Matt's Bikes rents bikes for \$14 plus \$8 per hour. Anjali paid \$54 to rent a bike. For how many hours did she rent the bike?
- 75) Perry spent half of his weekly allowance on clothes. To earn more money his parents let him wash the car for \$7. What is his weekly allowance if he ended with \$15?
- 76) Cody spent half of his weekly allowance on candy. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$17?
- 77) Gabriella spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$6. What is her weekly allowance if she ended with \$15?
- 78) 189 students went on a field trip. Four buses were filled and 29 students traveled in cars. How many students were in each bus?
- 79) Norachai sold half of his comic books and then bought eleven more. He now has 32. With how many did he begin?
- 80) Wilbur spent half of his weekly allowance buying pizza. To earn more money his parents let him wash the car for \$9. What is his weekly allowance if he ended with \$15?
- 81) Brenda 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 41?
- 82) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?
- 83) Shawna sold half of her comic books and then bought fifteen more. She now has 42. With how many did she begin?
- 84) Brenda spent half of her weekly allowance at the movies. To earn more money her parents let her weed the garden for \$5. What is her weekly allowance if she ended with \$14?
- 85) You had \$24 to spend on seven advocados. After buying them you had \$10. How much did each advocado cost?
- 86) Half of your baseball card collection got wet and was ruined. You bought 14 cards to replace some that were lost. How many did you begin with if you now have 37?

- 87) Ndiba rented a bike from Kim's Bikes. It cost \$20 plus \$3 per hour. If Ndiba paid \$35 then he rented the bike for how many hours?
- 89) 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 38?
- 91) Paul sold half of his comic books and then bought four more. He now has 22. With how many did he begin?
- 93) Stefan's Bikes rents bikes for \$19 plus \$5 per hour. Micaela paid \$39 to rent a bike. For how many hours did she rent the bike?
- 95) Jill sold half of her comic books and then bought nineteen more. She now has 43. With how many did she begin?
- 97) Kali spent \$15 on a magazine and some erasers. If the magazine cost \$3 and each eraser cost \$2 then how many erasers did she buy?
- 99) 268 students went on a field trip. Nine buses were filled and 16 students traveled in cars. How many students were in each bus?
- 101) Matt spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$4. What is his weekly allowance if he ended with \$9?
- 103) You had \$21 to spend on seven notebooks. After buying them you had \$7. How much did each notebook cost?
- 105) Beth 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 23?
- 106) Pranav had \$21 to spend on four advocados. After buying them he had \$5. How much did each avocado cost?
- 107) You had \$21 to spend on two notebooks. After buying them you had \$17. How much did each notebook cost?
- 88) You had \$20 to spend on four raffle tickets. After buying them you had \$12. How much did each raffle ticket cost?
- 90) Half of your baseball card collection got wet and was ruined. You bought 17 cards to replace some that were lost. How many did you begin with if you now have 42?
- 92) For a field trip 6 students rode in cars and the rest filled nine buses. How many students were in each bus if 258 students were on the trip?
- 94) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers?
- 96) For a field trip 9 students rode in cars and the rest filled eight buses. How many students were in each bus if 337 students were on the trip?
- 98) For a field trip 7 students rode in cars and the rest filled ten buses. How many students were in each bus if 527 students were on the trip?
- 100) Mary spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$6. What is her weekly allowance if she ended with \$16?
- 102) A wise man once said, "400 reduced by 3 times my age is 244." What is his age?
- 104) You had \$21 to spend on six advocados. After buying them you had \$3. How much did each avocado cost?

- 108) Kayla won 54 super bouncy balls playing hoops at her school's game night. Later, she gave two to each of her friends. She only has 6 remaining. How many friends does she have?
- 109) How old am I if 400 reduced by 2 times my age is 276?
- 110) Dan spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the windows in the house for \$8. What is his weekly allowance if he ended with \$14?
- 111) Abhasra spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$5. What is her weekly allowance if she ended with \$14?
- 112) Elisa spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$5. What is her weekly allowance if she ended with \$15?
- 113) Julia's Bikes rents bikes for \$16 plus \$8 per hour. Jasmine paid \$32 to rent a bike. For how many hours did she rent the bike?
- 114) For a field trip 5 students rode in cars and the rest filled three buses. How many students were in each bus if 176 students were on the trip?
- 115) Half of your baseball card collection got wet and was ruined. You bought 15 cards to replace some that were lost. How many did you begin with if you now have 45?
- 116) A wise man once said, "200 reduced by twice my age is 66." What is his age?
- 117) 173 students went on a field trip. Six buses were filled and 23 students traveled in cars. How many students were in each bus?
- 118) Julia sold half of her comic books and then bought twenty more. She now has 49. With how many did she begin?
- 119) Kristin won 41 lollipops playing the bean bag toss at the county fair. At school she gave three to every student in her math class. She only has 5 remaining. How many students are in her class?
- 120) How old am I if 500 reduced by 2 times my age is 368?
- 121) 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 32?
- 122) Nicole spent half of her weekly allowance at the movies. To earn more money her parents let her weed the garden for \$6. What is her weekly allowance if she ended with \$12?
- 123) You had \$22 to spend on four pencils. After buying them you had \$10. How much did each pencil cost?
- 124) Amy spent \$9 on a magazine and three erasers. If the magazine cost \$3 then how much was each eraser?
- 125) How old am I if 300 reduced by 2 times my age is 136?
- 126) Gabriella spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$10. What is her weekly allowance if she ended with \$16?
- 127) Aliyah spent half of her weekly allowance on candy. To earn more money her parents let her clean the oven for \$4. What is her weekly allowance if she ended with \$11?
- 128) Jennifer won 58 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 2 remaining. How many friends does she have?
- 129) Mark sold half of his comic books and then bought nine more. He now has 29. With how many did he begin?

- 130) For a field trip 22 students rode in cars and the rest filled seven buses. How many students were in each bus if 435 students were on the trip?
- 131) Julia had \$20 to spend on two pencils. After buying them she had \$12. How much did each pencil cost?
- 132) Jacob spent half of his weekly allowance on candy. To earn more money his parents let him clean the windows in the house for \$9. What is his weekly allowance if he ended with \$12?
- 133) DeShawn sold half of his comic books and then bought eight more. He now has 20. With how many did he begin?
- 134) The sum of three consecutive even numbers is 48. What is the smallest of these numbers?
- 135) How old am I if 400 reduced by 4 times my age is 84?
- 136) How old am I if 400 reduced by 3 times my age is 124?
- 137) Julio rented a bike from Ndiba's Bikes. It cost \$14 plus \$8 per hour. If Julio paid \$54 then he rented the bike for how many hours?
- 138) Mofor 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 fourteen more. How many did he start with if he now has 38?
- 139) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 32?
- 140) You bought a magazine for \$6 and some candy bars for \$2 each. You spent a total of \$14. How many candy bars did you buy?
- 141) 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 39?
- 142) For a field trip 4 students rode in cars and the rest filled three buses. How many students were in each bus if 136 students were on the trip?
- 143) Ted spent half of his weekly allowance at the movies. To earn more money his parents let him clean the windows in the house for \$5. What is his weekly allowance if he ended with \$8?
- 144) Jaidee had \$21 to spend on six pencils. After buying them she had \$9. How much did each pencil cost?
- 145) Trevon spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$17?
- 146) A wise man once said, "400 reduced by twice my age is 224." What is his age?
- 147) A wise man once said, "400 reduced by 4 times my age is 20." What is his age?
- 148) Sarawong sold half of his comic books and then bought fourteen more. He now has 30. With how many did he begin?
- 149) Anjali spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$10. What is her weekly allowance if she ended with \$13?
- 150) Ming's Bikes rents bikes for \$11 plus \$2 per hour. Carlos paid \$25 to rent a bike. For how many hours did he rent the bike?
- 151) 219 students went on a field trip. Five buses were filled and 9 students traveled in cars. How many students were in each bus?

- 152) Shawna won 54 lollipops playing horseshoes 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?
- 153) You bought a magazine for \$3 and three candy bars. You spent a total of \$12. How much did each candy bar cost?
- 154) How old am I if 300 reduced by 4 times my age is 80?
- 155) Scott sold half of his comic books and then bought eight more. He now has 32. With how many did he begin?
- 156) How old am I if 500 reduced by 4 times my age is 160?
- 157) A wise man once said, "400 reduced by twice my age is 242." What is his age?
- 158) Perry spent \$19 on a magazine and some erasers. If the magazine cost \$4 and each eraser cost \$5 then how many erasers did he buy?
- 159) Darryl spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$5. What is his weekly allowance if he ended with \$12?
- 160) You bought a magazine for \$3 and two candy bars. You spent a total of \$9. How much did each candy bar cost?
- 161) Jenny spent \$30 on a magazine and some erasers. If the magazine cost \$6 and each eraser cost \$3 then how many erasers did she buy?
- 162) Krystal won 38 lollipops playing horseshoes 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?
- 163) The sum of three consecutive numbers is 72. What is the smallest of these numbers?
- 164) Ming spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$8. What is her weekly allowance if she ended with \$18?
- 165) Gabriella 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 19?
- 166) Jack won 60 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?
- 167) 294 students went on a field trip. Seven buses were filled and 14 students traveled in cars. How many students were in each bus?
- 168) A wise man once said, "300 reduced by twice my age is 144." What is his age?
- 169) Eduardo spent half of his weekly allowance on clothes. To earn more money his parents let him weed the garden for \$8. What is his weekly allowance if he ended with \$12?
- 170) For a field trip 16 students rode in cars and the rest filled six buses. How many students were in each bus if 340 students were on the trip?
- 171) For a field trip 17 students rode in cars and the rest filled nine buses. How many students were in each bus if 413 students were on the trip?
- 172) How old am I if 400 reduced by 4 times my age is 184?
- 173) Molly won 99 pieces of gum playing basketball at the county fair. At school she gave four to every student in her math class. She only has 7 remaining. How many students are in her class?

- 174) Beth spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$7. What is her weekly allowance if she ended with \$14?
- 175) 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 ten more. How many did she start with if she now has 36?
- 176) Ndiba sold half of his comic books and then bought ten more. He now has 32. With how many did he begin?
- 177) The sum of three consecutive numbers is 75. What is the smallest of these numbers?
- 178) You had \$25 to spend on seven raffle tickets. After buying them you had \$11. How much did each raffle ticket cost?
- 179) The sum of three consecutive even numbers is 30. What is the smallest of these numbers?
- 180) Micaela sold half of her comic books and then bought seventeen more. She now has 42. With how many did she begin?
- 181) Paul spent \$26 on a magazine and five erasers. If the magazine cost \$6 then how much was each eraser?
- 182) Pranav spent half of his weekly allowance playing arcade games. To earn more money his parents let him weed the garden for \$6. What is his weekly allowance if he ended with \$15?
- 183) How old am I if 500 reduced by 3 times my age is 233?
- 184) Jessica spent half of her weekly allowance on clothes. To earn more money her parents let her clean the gutters for \$5. What is her weekly allowance if she ended with \$13?
- 185) Julio sold half of his comic books and then bought fifteen more. He now has 31. With how many did he begin?
- 186) Mary sold half of her comic books and then bought fifteen more. She now has 27. With how many did she begin?
- 187) For a field trip 21 students rode in cars and the rest filled ten buses. How many students were in each bus if 441 students were on the trip?
- 188) Alberto rented a bike from Amy's Bikes. It cost \$15 plus \$6 per hour. If Alberto paid \$33 then he rented the bike for how many hours?
- 189) Jessica won 33 lollipops playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 1 remaining. How many friends does she have?
- 190) A wise man once said, "500 reduced by 4 times my age is 132." What is his age?
- 191) Sumalee won 73 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 1 remaining. How many students are in her class?
- 192) 219 students went on a field trip. Four buses were filled and 19 students traveled in cars. How many students were in each bus?
- 193) A wise man once said, "300 reduced by 4 times my age is 36." What is his age?
- 194) Sarawong 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 twenty more. How many did he start with if he now has 44?
- 195) Ashley rented a bike from Shanice's Bikes. It cost \$13 plus \$7 per hour. If Ashley paid \$48 then she rented the bike for how many hours?

- 196) Kayla had \$24 to spend on six pens. After buying them she had \$0. How much did each pen cost?
- 198) Rob won 46 pieces of gum playing horseshoes at the county fair. At school he gave three to every student in his math class. He only has 10 remaining. How many students are in his class?
- 200) Elisa spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$20?
- 202) Jimmy's Bikes rents bikes for \$13 plus \$6 per hour. Adam paid \$49 to rent a bike. For how many hours did he rent the bike?
- 204) Shreya bought five hats. A week later half of all her hats were destroyed in a fire. There are now only 16 hats left. With how many did she start?
- 206) 208 students went on a field trip. Eight buses were filled and 8 students traveled in cars. How many students were in each bus?
- 208) Heather won 62 pieces of gum 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?
- 210) A wise man once said, "400 reduced by 4 times my age is 4." What is his age?
- 212) The sum of three consecutive even numbers is 42. What is the smallest of these numbers?
- 214) How old am I if 400 reduced by 4 times my age is 36?
- 197) Kim won 61 lollipops playing horseshoes 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?
- 199) You had \$24 to spend on five pencils. After buying them you had \$4. How much did each pencil cost?
- 201) Jasmine 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 \$12?
- 203) Sumalee 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 34?
- 205) Ryan had some candy to give to his five 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?
- 207) Brenda sold half of her comic books and then bought sixteen more. She now has 34. With how many did she begin?
- 209) On Tuesday Shanice bought four posters. On Wednesday half of all the posters that she had were destroyed. On Thursday there were only 14 left. How many did she have on Monday?
- 211) Half of your baseball card collection got wet and was ruined. You bought 15 cards to replace some that were lost. How many did you begin with if you now have 39?
- 213) You bought a magazine for \$7 and seven erasers. You spent a total of \$28. How much did each eraser cost?
- 215) Amanda 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 two pieces. With how many pieces did she start?

- 216) Mark had some candy to give to his four children. He first took eight pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 217) Jennifer spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the oven for \$4. What is her weekly allowance if she ended with \$14?
- 218) Shreya won 51 super bouncy balls playing horseshoes 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?
- 219) Kathryn spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$13?
- 220) Willie 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?
- 221) Perry sold half of his comic books and then bought eleven more. He now has 26. With how many did he begin?
- 222) Danielle's Bikes rents bikes for \$11 plus \$2 per hour. Mary paid \$17 to rent a bike. For how many hours did she rent the bike?
- 223) You had \$20 to spend on two pens. After buying them you had \$16. How much did each pen cost?
- 224) A wise man once said, "400 reduced by twice my age is 226." What is his age?
- 225) Maria had some candy to give to her three 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?
- 226) Kristin 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?
- 227) Mike spent half of his weekly allowance on clothes. To earn more money his parents let him mow the lawn for \$6. What is his weekly allowance if he ended with \$13?
- 228) A wise man once said, "500 reduced by 4 times my age is 156." What is his age?
- 229) You bought a magazine for \$5 and some candy bars for \$3 each. You spent a total of \$29. How many candy bars did you buy?
- 230) Mary won 59 pieces of gum playing hoops at the county fair. At school she gave four to every student in her math class. She only has 7 remaining. How many students are in her class?
- 231) Jaidee bought six boxes. A week later half of all her boxes were destroyed in a fire. There are now only 21 boxes left. With how many did she start?
- 232) Cody bought a magazine for \$4 and four erasers. He spent a total of \$20. How much did each eraser cost?
- 233) A wise man once said, "500 reduced by 3 times my age is 287." What is his age?
- 234) Ashley won 91 super bouncy balls playing the bean bag toss at the county fair. At school she gave three to every student in her math class. She only has 4 remaining. How many students are in her class?

- 235) Lisa had some candy to give to her three children. She first took one piece for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 236) Anjali spent half of her weekly allowance on clothes. To earn more money her parents let her clean the windows in the house for \$8. What is her weekly allowance if she ended with \$11?
- 237) Carlos spent half of his weekly allowance playing arcade games. To earn more money his parents let him mow the lawn for \$7. What is his weekly allowance if he ended with \$11?
- 238) Jacob had \$21 to spend on four raffle tickets. After buying them he had \$9. How much did each raffle ticket cost?
- 239) Jenny 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 four pieces. With how many pieces did she start?
- 240) Adam bought ten CDs. A week later half of all his CDs were destroyed in a fire. There are now only 14 CDs left. With how many did he start?
- 241) On Tuesday Ming bought seven 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?
- 242) Krystal's Bikes rents bikes for \$18 plus \$3 per hour. Scott paid \$36 to rent a bike. For how many hours did he rent the bike?
- 243) Half of your baseball card collection got wet and was ruined. You bought 4 cards to replace some that were lost. How many did you begin with if you now have 16?
- 244) Mofor won 71 lollipops playing the bean bag toss at his school's game night. Later, he gave four to each of his friends. He only has 3 remaining. How many friends does he have?
- 245) You bought a magazine for \$6 and some candy bars for \$4 each. You spent a total of \$30. How many candy bars did you buy?
- 246) Jenny's Bikes rents bikes for \$16 plus \$4 per hour. Jaidee paid \$32 to rent a bike. For how many hours did she rent the bike?
- 247) Chelsea spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$9. What is her weekly allowance if she ended with \$17?
- 248) For a field trip 18 students rode in cars and the rest filled seven buses. How many students were in each bus if 242 students were on the trip?
- 249) The sum of three consecutive even numbers is 72. What is the smallest of these numbers?
- 250) DeShawn had some candy to give to his five 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?
- 251) On Tuesday Gabriella bought six hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 20 left. How many did she have on Monday?
- 252) Jack sold half of his comic books and then bought seventeen more. He now has 41. With how many did he begin?

- 253) You bought a magazine for \$6 and some candy bars for \$3 each. You spent a total of \$21. How many candy bars did you buy?
- 254) John won 85 lollipops playing the bean bag toss at his school's game night. Later, he gave four to each of his friends. He only has 9 remaining. How many friends does he have?
- 255) Krystal spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$8. What is her weekly allowance if she ended with \$15?
- 256) 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 sixteen more. How many did he start with if he now has 46?
- 257) Brenda had some candy to give to her three children. She first took one pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 258) Jimmy had \$21 to spend on seven raffle tickets. After buying them he had \$7. How much did each raffle ticket cost?
- 259) How old am I if 500 reduced by 2 times my age is 324?
- 260) How old am I if 500 reduced by 3 times my age is 200?
- 261) Jose had some candy to give to his four children. He first took one pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 262) Asanji sold half of his comic books and then bought five more. He now has 19. With how many did he begin?
- 263) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 23?
- 264) The sum of three consecutive even numbers is 60. What is the smallest of these numbers?
- 265) Jose won 54 pieces of gum 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?
- 266) Bill won 65 super bouncy balls playing horseshoes at his school's game night. Later, he gave four to each of his friends. He only has 9 remaining. How many friends does he have?
- 267) Paul bought six CDs. A week later half of all his CDs were destroyed in a fire. There are now only 16 CDs left. With how many did he start?
- 268) You bought a magazine for \$7 and two erasers. You spent a total of \$17. How much did each eraser cost?
- 269) A wise man once said, "500 reduced by 4 times my age is 112." What is his age?
- 270) Matt sold half of his comic books and then bought five more. He now has 35. With how many did he begin?
- 271) You bought a magazine for \$3 and eight notepads. You spent a total of \$19. How much did each notepad cost?
- 272) Kali spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$5. What is her weekly allowance if she ended with \$9?
- 273) You had \$24 to spend on two notebooks. After buying them you had \$18. How much did each notebook cost?
- 274) Trevon's Bikes rents bikes for \$13 plus \$4 per hour. Lea paid \$41 to rent a bike. For how many hours did she rent the bike?

- 275) Kristin won 38 lollipops playing basketball at her school's game night. Later, she gave two to each of her friends. She only has 2 remaining. How many friends does she have?
- 276) Molly bought five boxes. A week later half of all her boxes were destroyed in a fire. There are now only 21 boxes left. With how many did she start?
- 277) Daniel sold half of his comic books and then bought seventeen more. He now has 31. With how many did he begin?
- 278) A wise man once said, "200 reduced by twice my age is 64." What is his age?
- 279) Stephanie spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the car for \$9. What is her weekly allowance if she ended with \$15?
- 280) How old am I if 500 reduced by 3 times my age is 314?
- 281) Trevon spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$7. What is his weekly allowance if he ended with \$16?
- 282) The sum of three consecutive numbers is 51. What is the smallest of these numbers?
- 283) For a field trip 7 students rode in cars and the rest filled nine buses. How many students were in each bus if 412 students were on the trip?
- 284) Rob won 48 pieces of gum playing basketball at the county fair. At school he gave two to every student in his math class. He only has 8 remaining. How many students are in his class?
- 285) On Tuesday Anjali bought nine CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday?
- 286) 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 five more. How many did she start with if she now has 31?
- 287) Adam won 96 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 8 remaining. How many students are in his class?
- 288) The sum of three consecutive numbers is 84. What is the smallest of these numbers?
- 289) 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 47?
- 290) Ryan spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$9. What is his weekly allowance if he ended with \$14?
- 291) Jessica 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 four pieces. With how many pieces did she start?
- 292) Mofor rented a bike from Kim's Bikes. It cost \$10 plus \$7 per hour. If Mofor paid \$45 then he rented the bike for how many hours?
- 293) How old am I if 400 reduced by 3 times my age is 136?
- 294) Aliyah won 91 super bouncy balls playing basketball 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?

- 295) On Tuesday Stephanie bought eight CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 21 left. How many did she have on Monday?
- 296) Jose 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 40?
- 297) Half of your baseball card collection got wet and was ruined. You bought 10 cards to replace some that were lost. How many did you begin with if you now have 22?
- 298) 531 students went on a field trip. Ten buses were filled and 11 students traveled in cars. How many students were in each bus?
- 299) Kathryn 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 four pieces. With how many pieces did she start?
- 300) How old am I if 500 reduced by 2 times my age is 354?
- 301) Ted 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?
- 302) The sum of three consecutive numbers is 27. What is the smallest of these numbers?
- 303) A wise man once said, "500 reduced by 4 times my age is 112." What is his age?
- 304) Shreya spent half of her weekly allowance on candy. To earn more money her parents let her clean the windows in the house for \$8. What is her weekly allowance if she ended with \$11?
- 305) 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 four pieces and sold. There were a total of 48 pieces to sell. How many pies did the club make?
- 306) Perry had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 26 half-pieces of paper. With how many sheets of paper did he start?
- 307) Wilbur sold half of his comic books and then bought six more. He now has 30. With how many did he begin?
- 308) Stefan spent \$32 on a magazine and seven candy bars. If the magazine cost \$4 then how much was each candy bar?
- 309) You had \$23 to spend on two pencils. After buying them you had \$15. How much did each pencil cost?
- 310) Julia won 74 lollipops playing horseshoes at the county fair. At school she gave three to every student in her math class. She only has 8 remaining. How many students are in her class?
- 311) On Tuesday Kristin bought eight boxes. On Wednesday half of all the boxes that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday?
- 312) Mike 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?

- 313) Imani spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the oven for \$10. What is her weekly allowance if she ended with \$18?
- 314) How old am I if 300 reduced by 2 times my age is 112?
- 315) Micaela's Bikes rents bikes for \$17 plus \$2 per hour. Julio paid \$27 to rent a bike. For how many hours did he rent the bike?
- 316) 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 72 pieces to sell. How many pies did the club make?
- 317) Sumalee spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the oven for \$6. What is her weekly allowance if she ended with \$16?
- 318) Cody bought ten hats. A week later half of all his hats were destroyed in a fire. There are now only 14 hats left. With how many did he start?
- 319) For a field trip 25 students rode in cars and the rest filled eight buses. How many students were in each bus if 305 students were on the trip?
- 320) Mark won 51 lollipops playing horseshoes at the county fair. At school he gave two to every student in his math class. He only has 5 remaining. How many students are in his class?
- 321) Lisa won 43 pieces of gum playing horseshoes 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?
- 322) On Tuesday Kali bought seven posters. On Wednesday half of all the posters that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday?
- 323) Castel sold half of his comic books and then bought ten more. He now has 30. With how many did he begin?
- 324) Jacob spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$4. What is his weekly allowance if he ended with \$9?
- 325) You had \$23 to spend on three advocados. After buying them you had \$14. How much did each avocado cost?
- 326) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into five pieces and sold. There were a total of 50 pieces to sell. How many pies did the club make?
- 327) Scott 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 five pieces. With how many pieces did he start?
- 328) DeShawn's Bikes rents bikes for \$15 plus \$7 per hour. Joe paid \$43 to rent a bike. For how many hours did he rent the bike?

- 329) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 70 pieces to sell. How many pies did the club make?
- 330) 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 45?
- 331) Huong won 40 pieces of gum playing basketball at her school's game night. Later, she gave three to each of her friends. She only has 4 remaining. How many friends does she have?
- 332) Darryl wanted to make note cards by cutting pieces of paper in half. Before starting he got six more pieces to use. When he was done he had 30 half-pieces of paper. With how many pieces did he start?
- 333) Chelsea had some paper with which to make note cards. On her way to her room she found six 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?
- 334) 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 33?
- 335) For a field trip 20 students rode in cars and the rest filled nine buses. How many students were in each bus if 317 students were on the trip?
- 336) The sum of three consecutive even numbers is 54. What is the smallest of these numbers?
- 337) How old am I if 200 reduced by 2 times my age is 2?
- 338) Gabriella 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 four pieces. With how many pieces did she start?
- 339) 116 students went on a field trip. Three buses were filled and 5 students traveled in cars. How many students were in each bus?
- 340) John spent half of his weekly allowance on clothes. To earn more money his parents let him mow the lawn for \$7. What is his weekly allowance if he ended with \$11?
- 341) Arjun won 36 pieces of gum playing basketball 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?
- 342) Carlos had some paper with which to make note cards. On his way to his room he found five more pieces to use. In his room he cut each piece of paper in half. When he was done he had 16 half-pieces of paper. With how many sheets of paper did he start?
- 343) Eugene 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 16 half-pieces of paper. With how many sheets of paper did he start?
- 344) Brenda sold half of her comic books and then bought eleven more. She now has 29. With how many did she begin?
- 345) You had \$21 to spend on five notebooks. After buying them you had \$1. How much did each notebook cost?
- 346) You bought a magazine for \$4 and some candy bars for \$2 each. You spent a total of \$12. How many candy bars did you buy?

- 347) How old am I if 300 reduced by 3 times my age is 90?
- 348) Jose had some candy to give to his five 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?
- 349) Asanji 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 two pieces. With how many pieces did he start?
- 350) Totsakan spent half of his weekly allowance on clothes. To earn more money his parents let him wash the car for \$8. What is his weekly allowance if he ended with \$16?
- 351) A wise man once said, "400 reduced by 3 times my age is 118." What is his age?
- 352) Kayla had \$20 to spend on four advocados. After buying them she had \$8. How much did each avocado cost?
- 353) Mei wanted to make note cards by cutting pieces of paper in half. Before starting she got three more pieces to use. When she was done she had 20 half-pieces of paper. With how many pieces did she start?
- 354) Paul sold half of his comic books and then bought seventeen more. He now has 47. With how many did he begin?
- 355) Abhasra bought four hats. A week later half of all her hats were destroyed in a fire. There are now only 19 hats left. With how many did she start?
- 356) Natalie won 58 lollipops playing the bean bag toss 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?
- 357) Jack won 69 pieces of gum playing horseshoes at his school's game night. Later, he gave three to each of his friends. He only has 6 remaining. How many friends does he have?
- 358) Bill 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 five pieces. With how many pieces did he start?
- 359) Kali spent half of her weekly allowance playing mini-golf. To earn more money her parents let her weed the garden for \$10. What is her weekly allowance if she ended with \$15?
- 360) Eduardo spent half of his weekly allowance at the movies. To earn more money his parents let him clean the windows in the house for \$9. What is his weekly allowance if he ended with \$14?
- 361) Lea bought a magazine for \$7 and seven candy bars. She spent a total of \$42. How much did each candy bar cost?
- 362) 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 six pieces and sold. There were a total of 78 pieces to sell. How many pies did the club make?
- 363) Matt won 53 pieces of gum playing hoops 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?
- 364) Molly bought five CDs. A week later half of all her CDs were destroyed in a fire. There are now only 20 CDs left. With how many did she start?

- 365) Daniel had \$20 to spend on two notebooks. After buying them he had \$14. How much did each notebook cost?
- 367) Ndiba won 95 pieces of gum playing horseshoes at his school's game night. Later, he gave four to each of his friends. He only has 3 remaining. How many friends does he have?
- 369) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed three pies to the sale. Each pie was then cut into five pieces and sold. There were a total of 60 pieces to sell. How many pies did the club make?
- 371) Kim rented a bike from Micaela's Bikes. It cost \$20 plus \$5 per hour. If Kim paid \$60 then she rented the bike for how many hours?
- 373) A wise man once said, "400 reduced by 3 times my age is 103." What is his age?
- 375) Jasmine bought four boxes. A week later half of all her boxes were destroyed in a fire. There are now only 11 boxes left. With how many did she start?
- 377) Mary won 59 pieces of gum playing horseshoes at the county fair. At school she gave two to every student in her math class. She only has 9 remaining. How many students are in her class?
- 379) Ryan wanted to make note cards by cutting pieces of paper in half. Before starting he got five more pieces to use. When he was done he had 20 half-pieces of paper. With how many pieces did he start?
- 381) Mofor had some candy to give to his three children. He first took nine pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?
- 383) A wise man once said, "500 reduced by 4 times my age is 116." What is his age?
- 366) Julio sold half of his comic books and then bought twelve more. He now has 35. With how many did he begin?
- 368) Sarawong had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 32 half-pieces of paper. With how many sheets of paper did he start?
- 370) Amanda spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$4. What is her weekly allowance if she ended with \$14?
- 372) For a field trip 19 students rode in cars and the rest filled three buses. How many students were in each bus if 181 students were on the trip?
- 374) Micaela had some candy to give to her five children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 376) Jill sold half of her comic books and then bought seventeen more. She now has 31. With how many did she begin?
- 378) The sum of three consecutive numbers is 63. What is the smallest of these numbers?
- 380) Jessica sold half of her comic books and then bought sixteen more. She now has 36. With how many did she begin?
- 382) Heather spent \$9 on a magazine and some erasers. If the magazine cost \$5 and each eraser cost \$2 then how many erasers did she buy?
- 384) How old am I if 500 reduced by 4 times my age is 168?

- 385) Jenny had some candy to give to her three children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 387) Norachai sold half of his comic books and then bought five more. He now has 26. With how many did he begin?
- 389) Kayla 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 26 half-pieces of paper. With how many pieces did she start?
- 391) The sum of three consecutive numbers is 66. What is the smallest of these numbers?
- 393) How old am I if 400 reduced by 3 times my age is 163?
- 395) 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 six pieces and sold. There were a total of 66 pieces to sell. How many pies did the club make?
- 397) You bought a magazine for \$2 and four candy bars. You spent a total of \$22. How much did each candy bar cost?
- 399) Asanji won 41 pieces of gum playing basketball at the county fair. At school he gave two to every student in his math class. He only has 9 remaining. How many students are in his class?
- 386) Beth spent half of her weekly allowance on candy. To earn more money her parents let her wash the dog for \$7. What is her weekly allowance if she ended with \$16?
- 388) 231 students went on a field trip. Four buses were filled and 23 students traveled in cars. How many students were in each bus?
- 390) On Tuesday Jennifer bought ten posters. On Wednesday half of all the posters that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday?
- 392) Elisa spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$5. What is her weekly allowance if she ended with \$9?
- 394) 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 eight pieces and sold. There were a total of 80 pieces to sell. How many pies did the club make?
- 396) Stefan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$14?
- 398) Julia had \$20 to spend on three notebooks. After buying them she had \$14. How much did each notebook cost?
- 400) Shanice spent \$25 on a magazine and six candy bars. If the magazine cost \$7 then how much was each candy bar?

## Two-step equations - word problems - integers

- 1) Half of your baseball card collection got ~~w~~<sup>5</sup>2 and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 45?
- 2) Daniel spent half of his weekly allowance ~~\$~~<sup>1</sup>0 on candy. To earn more money his parents let him wash the car for \$5. What is his weekly allowance if he ended with \$10?
- 3) DeShawn's Bikes rents bikes for \$11 plus ~~\$~~<sup>5</sup>8 per hour. Maria paid \$51 to rent a bike. For how many hours did she rent the bike?
- 4) You had \$21 to spend on seven raffle ~~\$~~<sup>3</sup> tickets. After buying them you had \$0. How much did each raffle ticket cost?
- 5) The sum of three consecutive odd numbers ~~3~~<sup>7</sup> is 87. What is the smallest of these numbers?
- 6) Anjali had \$20 to spend on two pens. After ~~\$~~<sup>2</sup> buying them she had \$16. How much did each pen cost?
- 7) Kim sold half of her comic books and then ~~6~~<sup>0</sup> bought eight more. She now has 38. With how many did she begin?
- 8) The sum of three consecutive even numbers ~~1~~<sup>0</sup> is 36. What is the smallest of these numbers?
- 9) Emily spent half of her weekly allowance ~~\$~~<sup>1</sup>4 playing mini-golf. To earn more money her parents let her wash the car for \$9. What is her weekly allowance if she ended with \$16?
- 10) The sum of three consecutive even numbers ~~3~~<sup>0</sup> is 66. What is the smallest of these numbers?
- 11) Jasmine spent half of her weekly allowance ~~\$~~<sup>1</sup>8 at the movies. To earn more money her parents let her clean the oven for \$7. What is her weekly allowance if she ended with \$16?
- 12) Shawna sold half of her comic books and ~~8~~<sup>8</sup> then bought five more. She now has 24. With how many did she begin?
- 13) You bought a magazine for \$2 and some ~~2~~ erasers for \$5 each. You spent a total of \$12. How many erasers did you buy?
- 14) Danielle spent half of her weekly allowance ~~\$~~<sup>1</sup>2 at the movies. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$16?
- 15) 285 students went on a field trip. Five buses ~~5~~<sup>4</sup> were filled and 15 students traveled in cars. How many students were in each bus?
- 16) Willie spent half of his weekly allowance ~~\$~~<sup>2</sup>0 on candy. To earn more money his parents let him clean the oven for \$10. What is his weekly allowance if he ended with \$20?
- 17) Brenda was going to sell all of her stamp ~~4~~<sup>0</sup> collection to buy a video game. After selling half of them she changed her mind. She then bought thirteen more. How many did she start with if she now has 33?
- 18) Half of your baseball card collection got ~~w~~<sup>3</sup>2 and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 29?
- 19) Aliyah had \$24 to spend on three notebooks. ~~\$~~<sup>4</sup> After buying them she had \$12. How much did each notebook cost?
- 20) Trevon's Bikes rents bikes for \$18 plus ~~\$~~<sup>8</sup> 7 per hour. Jaidee paid \$74 to rent a bike. For how many hours did she rent the bike?

- 21) Joe spent half of his weekly allowance **\$10** playing arcade games. To earn more money his parents let him wash the dog for \$7. What is his weekly allowance if he ended with \$12?
- 22) Kristin 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?
- 23) Norachai rented a bike from Adam's Bikes. **5** It cost \$20 plus \$6 per hour. If Norachai paid \$50 then he rented the bike for how many hours?
- 24) The sum of three consecutive odd numbers **13** is 45. What is the smallest of these numbers?
- 25) Willie spent half of his weekly allowance on **14** clothes. To earn more money his parents let him weed the garden for \$5. What is his weekly allowance if he ended with \$12?
- 26) 397 students went on a field trip. Eight **46** buses were filled and 29 students traveled in cars. How many students were in each bus?
- 27) 259 students went on a field trip. Eight **29** buses were filled and 27 students traveled in cars. How many students were in each bus?
- 28) Abhasra sold half of her comic books and **56** then bought eighteen more. She now has 46. With how many did she begin?
- 29) Elisa bought a magazine for \$6 and five **\$4** candy bars. She spent a total of \$26. How much did each candy bar cost?
- 30) The sum of three consecutive even numbers **36** is 84. What is the smallest of these numbers?
- 31) Castel bought a magazine for \$3 and seven **\$3** erasers. He spent a total of \$24. How much did each eraser cost?
- 32) 172 students went on a field trip. Five buses **29** were filled and 27 students traveled in cars. How many students were in each bus?
- 33) 140 students went on a field trip. Six buses **32** were filled and 8 students traveled in cars. How many students were in each bus?
- 34) Ryan spent half of his weekly allowance **\$8** playing mini-golf. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$12?
- 35) Half of your baseball card collection got wet **44** and was ruined. You bought 7 cards to replace some that were lost. How many did you begin with if you now have 29?
- 36) You bought a magazine for \$7 and some **3** candy bars for \$3 each. You spent a total of \$16. How many candy bars did you buy?
- 37) Adam was going to sell all of his stamp **42** 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 31?
- 38) Shanice spent half of her weekly allowance **\$10** at the movies. To earn more money her parents let her clean the windows in the house for \$9. What is her weekly allowance if she ended with \$14?
- 39) Daniel had \$25 to spend on six pens. After **\$4** buying them he had \$1. How much did each pen cost?
- 40) For a field trip 19 students rode in cars and **32** the rest filled six buses. How many students were in each bus if 211 students were on the trip?
- 41) Half of your baseball card collection got wet **10** and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 22?
- 42) 280 students went on a field trip. Eight **33** buses were filled and 16 students traveled in cars. How many students were in each bus?

- 43) Amanda 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 thirteen more. How many did she start with if she now has 37? **48**
- 44) Mei spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$4. What is her weekly allowance if she ended with \$7? **\$6**
- 45) The sum of three consecutive numbers is 69. What is the smallest of these numbers? **22**
- 46) The sum of three consecutive odd numbers is 63. What is the smallest of these numbers? **19**
- 47) Castel spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$5. What is his weekly allowance if he ended with \$15? **\$20**
- 48) You bought a magazine for \$7 and some erasers for \$4 each. You spent a total of \$39. How many erasers did you buy? **8**
- 49) The sum of three consecutive even numbers is 60. What is the smallest of these numbers? **18**
- 50) The sum of three consecutive numbers is 84. What is the smallest of these numbers? **27**
- 51) Jessica 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 24? **30**
- 52) Mofor sold half of his comic books and then bought nine more. He now has 27. With how many did he begin? **36**
- 53) Huong bought a magazine for \$2 and eight erasers. She spent a total of \$34. How much did each eraser cost? **4**
- 54) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 17? **24**
- 55) Arjun spent half of his weekly allowance at the movies. To earn more money his parents let him mow the lawn for \$8. What is his weekly allowance if he ended with \$15? **\$14**
- 56) For a field trip 26 students rode in cars and the rest filled nine buses. How many students were in each bus if 332 students were on the trip? **34**
- 57) Jaidee spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$10. What is her weekly allowance if she ended with \$18? **\$16**
- 58) Gabriella spent half of her weekly allowance on candy. To earn more money her parents let her clean the gutters for \$7. What is her weekly allowance if she ended with \$11? **\$8**
- 59) 224 students went on a field trip. Four buses were filled and 4 students traveled in cars. How many students were in each bus? **55**
- 60) Bill 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 37? **54**
- 61) John sold half of his comic books and then bought fourteen more. He now has 44. With how many did he begin? **60**
- 62) The sum of three consecutive numbers is 66. What is the smallest of these numbers? **21**
- 63) 133 students went on a field trip. Three buses were filled and 7 students traveled in cars. How many students were in each bus? **42**
- 64) For a field trip 13 students rode in cars and the rest filled three buses. How many students were in each bus if 127 students were on the trip? **38**

- 65) Norachai bought a magazine for \$7 and \$4 three candy bars. He spent a total of \$19. How much did each candy bar cost?
- 66) Kathryn spent half of her weekly allowance \$8 playing arcade games. To earn more money her parents let her weed the garden for \$5. What is her weekly allowance if she ended with \$9?
- 67) Aliyah spent \$34 on a magazine and six \$5 erasers. If the magazine cost \$4 then how much was each eraser?
- 68) Julia had \$20 to spend on eight advocados. \$2 After buying them she had \$4. How much did each advocado cost?
- 69) The sum of three consecutive numbers is 78. 25 What is the smallest of these numbers?
- 70) Totsakan sold half of his comic books and 26 then bought twenty more. He now has 33. With how many did he begin?
- 71) Ashley 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 fourteen more. How many did she start with if she now has 26?
- 72) Nicole rented a bike from Jacob's Bikes. It cost \$11 plus \$3 per hour. If Nicole paid \$23 then she rented the bike for how many hours?
- 73) Half of your baseball card collection got we 24 and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 28?
- 74) Matt's Bikes rents bikes for \$14 plus \$8 per 5 hour. Anjali paid \$54 to rent a bike. For how many hours did she rent the bike?
- 75) Perry spent half of his weekly allowance on \$16 clothes. To earn more money his parents let him wash the car for \$7. What is his weekly allowance if he ended with \$15?
- 76) Cody spent half of his weekly allowance on \$18 candy. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$17?
- 77) Gabriella spent half of her weekly allowance \$18 on clothes. To earn more money her parents let her clean the oven for \$6. What is her weekly allowance if she ended with \$15?
- 78) 189 students went on a field trip. Four 40 buses were filled and 29 students traveled in cars. How many students were in each bus?
- 79) Norachai sold half of his comic books and 42 then bought eleven more. He now has 32. With how many did he begin?
- 80) Wilbur spent half of his weekly allowance \$12 buying pizza. To earn more money his parents let him wash the car for \$9. What is his weekly allowance if he ended with \$15?
- 81) Brenda was going to sell all of her stamp 58 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 41?
- 82) The sum of three consecutive even numbers 38 is 90. What is the smallest of these numbers?
- 83) Shawna sold half of her comic books and 54 then bought fifteen more. She now has 42. With how many did she begin?
- 84) Brenda spent half of her weekly allowance \$18 at the movies. To earn more money her parents let her weed the garden for \$5. What is her weekly allowance if she ended with \$14?
- 85) You had \$24 to spend on seven advocados. \$2 After buying them you had \$10. How much did each advocado cost?
- 86) Half of your baseball card collection got we 46 and was ruined. You bought 14 cards to replace some that were lost. How many did you begin with if you now have 37?

- 87) Ndiba rented a bike from Kim's Bikes. It cost \$20 plus \$3 per hour. If Ndiba paid \$35 then he rented the bike for how many hours? **5**
- 89) 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 38? **40**
- 91) Paul sold half of his comic books and then bought four more. He now has 22. With how many did he begin? **36**
- 93) Stefan's Bikes rents bikes for \$19 plus \$5 per hour. Micaela paid \$39 to rent a bike. For how many hours did she rent the bike? **4**
- 95) Jill sold half of her comic books and then bought nineteen more. She now has 43. With how many did she begin? **48**
- 97) Kali spent \$15 on a magazine and some erasers. If the magazine cost \$3 and each eraser cost \$2 then how many erasers did she buy? **6**
- 99) 268 students went on a field trip. Nine buses were filled and 16 students traveled in cars. How many students were in each bus? **28**
- 101) Matt spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$4. What is his weekly allowance if he ended with \$9? **\$10**
- 103) You had \$21 to spend on seven notebooks. After buying them you had \$7. How much did each notebook cost? **\$2**
- 105) Beth 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 23? **30**
- 106) Pranav had \$21 to spend on four advocados. After buying them he had \$5. How much did each avocado cost? **\$4**
- 107) You had \$21 to spend on two notebooks. After buying them you had \$17. How much did each notebook cost? **\$2**
- 88) You had \$20 to spend on four raffle tickets. After buying them you had \$12. How much did each raffle ticket cost? **\$2**
- 90) Half of your baseball card collection got wet and was ruined. You bought 17 cards to replace some that were lost. How many did you begin with if you now have 42? **40**
- 92) For a field trip 6 students rode in cars and the rest filled nine buses. How many students were in each bus if 258 students were on the trip? **28**
- 94) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers? **21**
- 96) For a field trip 9 students rode in cars and the rest filled eight buses. How many students were in each bus if 337 students were on the trip? **41**
- 98) For a field trip 7 students rode in cars and the rest filled ten buses. How many students were in each bus if 527 students were on the trip? **52**
- 100) Mary spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$6. What is her weekly allowance if she ended with \$16? **\$20**
- 102) A wise man once said, "400 reduced by times my age is 244." What is his age? **352**
- 104) You had \$21 to spend on six advocados. After buying them you had \$3. How much did each avocado cost? **\$3**

- 108) Kayla won 54 super bouncy balls playing 24 hoops at her school's game night. Later, she gave two to each of her friends. She only has 6 remaining. How many friends does she have?
- 109) How old am I if 400 reduced by 2 times my age is 276?
- 110) Dan spent half of his weekly allowance \$12 buying pizza. To earn more money his parents let him clean the windows in the house for \$8. What is his weekly allowance if he ended with \$14?
- 111) Abhasra spent half of her weekly allowance \$18 on clothes. To earn more money her parents let her mow the lawn for \$5. What is her weekly allowance if she ended with \$14?
- 112) Elisa spent half of her weekly allowance on \$20 candy. To earn more money her parents let her wash the car for \$5. What is her weekly allowance if she ended with \$15?
- 113) Julia's Bikes rents bikes for \$16 plus \$8 per hour. Jasmine paid \$32 to rent a bike. For how many hours did she rent the bike?
- 114) For a field trip 5 students rode in cars and 57 the rest filled three buses. How many students were in each bus if 176 students were on the trip?
- 115) Half of your baseball card collection got wrecked and was ruined. You bought 15 cards to replace some that were lost. How many did you begin with if you now have 45?
- 116) A wise man once said, "200 reduced by 67 twice my age is 66." What is his age?
- 117) 173 students went on a field trip. Six buses 25 were filled and 23 students traveled in cars. How many students were in each bus?
- 118) Julia sold half of her comic books and then 58 bought twenty more. She now has 49. With how many did she begin?
- 119) Kristin won 41 lollipops playing the bean bag toss at the county fair. At school she gave three to every student in her math class. She only has 5 remaining. How many students are in her class?
- 120) How old am I if 500 reduced by 2 times my age is 368?
- 121) Half of your baseball card collection got wrecked and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 32?
- 122) Nicole spent half of her weekly allowance at \$12 the movies. To earn more money her parents let her weed the garden for \$6. What is her weekly allowance if she ended with \$12?
- 123) You had \$22 to spend on four pencils. After \$3 buying them you had \$10. How much did each pencil cost?
- 124) Amy spent \$9 on a magazine and three \$2 erasers. If the magazine cost \$3 then how much was each eraser?
- 125) How old am I if 300 reduced by 2 times my age is 136?
- 126) Gabriella spent half of her weekly allowance \$12 at the movies. To earn more money her parents let her clean the windows in the house for \$10. What is her weekly allowance if she ended with \$16?
- 127) Aliyah spent half of her weekly allowance \$14 on candy. To earn more money her parents let her clean the oven for \$4. What is her weekly allowance if she ended with \$11?
- 128) Jennifer won 58 pieces of gum playing the 14 bean bag toss 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?
- 129) Mark sold half of his comic books and then 40 bought nine more. He now has 29. With how many did he begin?

- 130) For a field trip 22 students rode in cars and 59 the rest filled seven buses. How many students were in each bus if 435 students were on the trip?
- 131) Julia had \$20 to spend on two pencils. After \$4 buying them she had \$12. How much did each pencil cost?
- 132) Jacob spent half of his weekly allowance on \$6 candy. To earn more money his parents let him clean the windows in the house for \$9. What is his weekly allowance if he ended with \$12?
- 133) DeShawn sold half of his comic books and 24 then bought eight more. He now has 20. With how many did he begin?
- 134) The sum of three consecutive even numbers is 48. What is the smallest of these numbers?
- 135) How old am I if 400 reduced by 4 times my 79 age is 84?
- 136) How old am I if 400 reduced by 3 times my 92 age is 124?
- 137) Julio rented a bike from Ndiba's Bikes. It 5 cost \$14 plus \$8 per hour. If Julio paid \$54 then he rented the bike for how many hours?
- 138) Mofor 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 fourteen more. How many did he start with if he now has 38?
- 139) Half of your baseball card collection got we 14 and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 32?
- 140) You bought a magazine for \$6 and some 4 candy bars for \$2 each. You spent a total of \$14. How many candy bars did you buy?
- 141) Half of your baseball card collection got we 12 and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 39?
- 142) For a field trip 4 students rode in cars and 44 the rest filled three buses. How many students were in each bus if 136 students were on the trip?
- 143) Ted spent half of his weekly allowance at \$6 the movies. To earn more money his parents let him clean the windows in the house for \$5. What is his weekly allowance if he ended with \$8?
- 144) Jaidee had \$21 to spend on six pencils. \$2 After buying them she had \$9. How much did each pencil cost?
- 145) Trevon spent half of his weekly allowance \$18 playing mini-golf. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$17?
- 146) A wise man once said, "400 reduced by 88 twice my age is 224." What is his age?
- 147) A wise man once said, "400 reduced by 495 times my age is 20." What is his age?
- 148) Sarawong sold half of his comic books and 32 then bought fourteen more. He now has 30. With how many did he begin?
- 149) Anjali spent half of her weekly allowance \$6 the movies. To earn more money her parents let her clean the windows in the house for \$10. What is her weekly allowance if she ended with \$13?
- 150) Ming's Bikes rents bikes for \$11 plus \$2 per 7 hour. Carlos paid \$25 to rent a bike. For how many hours did he rent the bike?
- 151) 219 students went on a field trip. Five buses 12 were filled and 9 students traveled in cars. How many students were in each bus?

- 152) Shawna won 54 lollipops playing horseshoes 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? **13**
- 153) You bought a magazine for \$3 and three candy bars. You spent a total of \$12. How much did each candy bar cost? **\$3**
- 154) How old am I if 300 reduced by 4 times my age is 80? **55**
- 155) Scott sold half of his comic books and then bought eight more. He now has 32. With how many did he begin? **48**
- 156) How old am I if 500 reduced by 4 times my age is 160? **85**
- 157) A wise man once said, "400 reduced by twice my age is 242." What is his age? **79**
- 158) Perry spent \$19 on a magazine and some erasers. If the magazine cost \$4 and each eraser cost \$5 then how many erasers did he buy? **3**
- 159) Darryl spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$5. What is his weekly allowance if he ended with \$12? **\$14**
- 160) You bought a magazine for \$3 and two candy bars. You spent a total of \$9. How much did each candy bar cost? **\$3**
- 161) Jenny spent \$30 on a magazine and some erasers. If the magazine cost \$6 and each eraser cost \$3 then how many erasers did she buy? **8**
- 162) Krystal won 38 lollipops playing horseshoes 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? **15**
- 163) The sum of three consecutive numbers is 723. What is the smallest of these numbers? **23**
- 164) Ming spent half of her weekly allowance on candy. To earn more money her parents let her wash the car for \$8. What is her weekly allowance if she ended with \$18? **\$20**
- 165) Gabriella 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 19? **28**
- 166) Jack won 60 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? **25**
- 167) 294 students went on a field trip. Seven buses were filled and 14 students traveled in cars. How many students were in each bus? **40**
- 168) A wise man once said, "300 reduced by twice my age is 144." What is his age? **78**
- 169) Eduardo spent half of his weekly allowance on clothes. To earn more money his parents let him weed the garden for \$8. What is his weekly allowance if he ended with \$12? **\$8**
- 170) For a field trip 16 students rode in cars and the rest filled six buses. How many students were in each bus if 340 students were on the trip? **54**
- 171) For a field trip 17 students rode in cars and the rest filled nine buses. How many students were in each bus if 413 students were on the trip? **44**
- 172) How old am I if 400 reduced by 4 times my age is 184? **54**
- 173) Molly won 99 pieces of gum playing basketball at the county fair. At school she gave four to every student in her math class. She only has 7 remaining. How many students are in her class? **23**

- 174) Beth spent half of her weekly allowance **\$14** playing arcade games. To earn more money her parents let her weed the garden for \$7. What is her weekly allowance if she ended with \$14?
- 175) Maria was going to sell all of her stamp **52** 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 36?
- 176) Ndiba sold half of his comic books and then **44** bought ten more. He now has 32. With how many did he begin?
- 177) The sum of three consecutive numbers is **75**24. What is the smallest of these numbers?
- 178) You had \$25 to spend on seven raffle **\$2** tickets. After buying them you had \$11. How much did each raffle ticket cost?
- 179) The sum of three consecutive even numbers **8** is 30. What is the smallest of these numbers?
- 180) Micaela sold half of her comic books and **50** then bought seventeen more. She now has 42. With how many did she begin?
- 181) Paul spent \$26 on a magazine and five **\$4** erasers. If the magazine cost \$6 then how much was each eraser?
- 182) Pranav spent half of his weekly allowance **\$18** playing arcade games. To earn more money his parents let him weed the garden for \$6. What is his weekly allowance if he ended with \$15?
- 183) How old am I if 500 reduced by 3 times my **89** age is 233?
- 184) Jessica spent half of her weekly allowance **\$16** on clothes. To earn more money her parents let her clean the gutters for \$5. What is her weekly allowance if she ended with \$13?
- 185) Julio sold half of his comic books and then **32** bought fifteen more. He now has 31. With how many did he begin?
- 186) Mary sold half of her comic books and then **24** bought fifteen more. She now has 27. With how many did she begin?
- 187) For a field trip 21 students rode in cars and **42** the rest filled ten buses. How many students were in each bus if 441 students were on the trip?
- 188) Alberto rented a bike from Amy's Bikes. **16** It cost \$15 plus \$6 per hour. If Alberto paid \$33 then he rented the bike for how many hours?
- 189) Jessica won 33 lollipops playing horseshoes **6** at her school's game night. Later, she gave two to each of her friends. She only has 1 remaining. How many friends does she have?
- 190) A wise man once said, "500 reduced by **492** times my age is 132." What is his age?
- 191) Sumalee won 73 lollipops playing the bean **18** bag toss at the county fair. At school she gave four to every student in her math class. She only has 1 remaining. How many students are in her class?
- 192) 219 students went on a field trip. Four **50** buses were filled and 19 students traveled in cars. How many students were in each bus?
- 193) A wise man once said, "300 reduced by **466** times my age is 36." What is his age?
- 194) Sarawong 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 twenty more. How many did he start with if he now has 44?
- 195) Ashley rented a bike from Shanice's Bikes. **5** It cost \$13 plus \$7 per hour. If Ashley paid \$48 then she rented the bike for how many hours?

- 196) Kayla had \$24 to spend on six pens. After buying them she had \$0. How much did each pen cost? \$4
- 197) Kim won 61 lollipops playing horseshoes 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? 18
- 198) Rob won 46 pieces of gum playing horseshoes at the county fair. At school he gave three to every student in his math class. He only has 10 remaining. How many students are in his class? 12
- 199) You had \$24 to spend on five pencils. After buying them you had \$4. How much did each pencil cost? \$4
- 200) Elisa spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$20? \$20
- 201) Jasmine 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 \$12? \$6
- 202) Jimmy's Bikes rents bikes for \$13 plus \$6 per hour. Adam paid \$49 to rent a bike. For how many hours did he rent the bike? 6
- 203) Sumalee 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 34? 32
- 204) Shreya bought five hats. A week later half of all her hats were destroyed in a fire. There are now only 16 hats left. With how many did she start? 27
- 205) Ryan had some candy to give to his five 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? 24
- 206) 208 students went on a field trip. Eight buses were filled and 8 students traveled in cars. How many students were in each bus? 25
- 207) Brenda sold half of her comic books and then bought sixteen more. She now has 34. With how many did she begin? 36
- 208) Heather won 62 pieces of gum 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? 14
- 209) On Tuesday Shanice bought four posters. On Wednesday half of all the posters that she had were destroyed. On Thursday there were only 14 left. How many did she have on Monday? 24
- 210) A wise man once said, "400 reduced by 4 times my age is 4." What is his age? 499
- 211) Half of your baseball card collection got wet and was ruined. You bought 15 cards to replace some that were lost. How many did you begin with if you now have 39? 48
- 212) The sum of three consecutive even numbers is 42. What is the smallest of these numbers? 12
- 213) You bought a magazine for \$7 and seven erasers. You spent a total of \$28. How much did each eraser cost? \$3
- 214) How old am I if 400 reduced by 4 times my age is 36? 91
- 215) Amanda 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 two pieces. With how many pieces did she start? 11

- 216) Mark had some candy to give to his four **28** children. He first took eight pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 217) Jennifer spent half of her weekly allowance **\$20** buying pizza. To earn more money her parents let her clean the oven for \$4. What is her weekly allowance if she ended with \$14?
- 218) Shreya won 51 super bouncy balls playing **16** horseshoes 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?
- 219) Kathryn spent half of her weekly allowance **\$6** playing mini-golf. To earn more money her parents let her clean the gutters for \$10. What is her weekly allowance if she ended with \$13?
- 220) Willie had some candy to give to his three **11** 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?
- 221) Perry sold half of his comic books and then **30** bought eleven more. He now has 26. With how many did he begin?
- 222) Danielle's Bikes rents bikes for \$11 plus \$2 **3** per hour. Mary paid \$17 to rent a bike. For how many hours did she rent the bike?
- 223) You had \$20 to spend on two pens. After **\$2** buying them you had \$16. How much did each pen cost?
- 224) A wise man once said, "400 reduced by **87** twice my age is 226." What is his age?
- 225) Maria had some candy to give to her three **8** 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?
- 226) Kristin had some candy to give to her four **24** 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?
- 227) Mike spent half of his weekly allowance on **\$14** clothes. To earn more money his parents let him mow the lawn for \$6. What is his weekly allowance if he ended with \$13?
- 228) A wise man once said, "500 reduced by **486** times my age is 156." What is his age?
- 229) You bought a magazine for \$5 and some **8** candy bars for \$3 each. You spent a total of \$29. How many candy bars did you buy?
- 230) Mary won 59 pieces of gum playing hoops **13** at the county fair. At school she gave four to every student in her math class. She only has 7 remaining. How many students are in her class?
- 231) Jaidee bought six boxes. A week later half **36** of all her boxes were destroyed in a fire. There are now only 21 boxes left. With how many did she start?
- 232) Cody bought a magazine for \$4 and four **\$4** erasers. He spent a total of \$20. How much did each eraser cost?
- 233) A wise man once said, "500 reduced by **371** times my age is 287." What is his age?
- 234) Ashley won 91 super bouncy balls playing **29** the bean bag toss at the county fair. At school she gave three to every student in her math class. She only has 4 remaining. How many students are in her class?

- 235) Lisa had some candy to give to her three children. She first took one piece for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start? **13**
- 236) Anjali spent half of her weekly allowance on clothes. To earn more money her parents let her clean the windows in the house for \$8. What is her weekly allowance if she ended with \$11? **\$6**
- 237) Carlos spent half of his weekly allowance playing arcade games. To earn more money his parents let him mow the lawn for \$7. What is his weekly allowance if he ended with \$11? **\$8**
- 238) Jacob had \$21 to spend on four raffle tickets. After buying them he had \$9. How much did each raffle ticket cost? **\$3**
- 239) Jenny 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 four pieces. With how many pieces did she start? **18**
- 240) Adam bought ten CDs. A week later half of all his CDs were destroyed in a fire. There are now only 14 CDs left. With how many did he start? **18**
- 241) On Tuesday Ming bought seven 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? **35**
- 242) Krystal's Bikes rents bikes for \$18 plus \$3 per hour. Scott paid \$36 to rent a bike. For how many hours did he rent the bike? **6**
- 243) Half of your baseball card collection got wet and was ruined. You bought 4 cards to replace some that were lost. How many did you begin with if you now have 16? **24**
- 244) Mofor won 71 lollipops playing the bean bag toss at his school's game night. Later, he gave four to each of his friends. He only has 3 remaining. How many friends does he have? **17**
- 245) You bought a magazine for \$6 and some candy bars for \$4 each. You spent a total of \$30. How many candy bars did you buy? **6**
- 246) Jenny's Bikes rents bikes for \$16 plus \$4 per hour. Jaidee paid \$32 to rent a bike. For how many hours did she rent the bike? **4**
- 247) Chelsea spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$9. What is her weekly allowance if she ended with \$17? **\$16**
- 248) For a field trip 18 students rode in cars and the rest filled seven buses. How many students were in each bus if 242 students were on the trip? **32**
- 249) The sum of three consecutive even numbers is 72. What is the smallest of these numbers? **32**
- 250) DeShawn had some candy to give to his five 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? **17**
- 251) On Tuesday Gabriella bought six hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 20 left. How many did she have on Monday? **34**
- 252) Jack sold half of his comic books and then bought seventeen more. He now has 41. With how many did he begin? **18**

- 253) You bought a magazine for \$6 and some candy bars for \$3 each. You spent a total of \$21. How many candy bars did you buy? **5**
- 254) John won 85 lollipops playing the bean bag toss at his school's game night. Later, he gave four to each of his friends. He only has 9 remaining. How many friends does he have? **19**
- 255) Krystal spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$8. What is her weekly allowance if she ended with \$15? **\$14**
- 256) 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 sixteen more. How many did he start with if he now has 46? **60**
- 257) Brenda had some candy to give to her three children. She first took one pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start? **10**
- 258) Jimmy had \$21 to spend on seven raffle tickets. After buying them he had \$7. How much did each raffle ticket cost? **\$2**
- 259) How old am I if 500 reduced by 2 times my age is 324? **88**
- 260) How old am I if 500 reduced by 3 times my age is 200? **100**
- 261) Jose had some candy to give to his four children. He first took one pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start? **9**
- 262) Asanji sold half of his comic books and then bought five more. He now has 19. With how many did he begin? **28**
- 263) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 23? **36**
- 264) The sum of three consecutive even numbers is 60. What is the smallest of these numbers? **18**
- 265) Jose won 54 pieces of gum 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? **17**
- 266) Bill won 65 super bouncy balls playing horseshoes at his school's game night. Later, he gave four to each of his friends. He only has 9 remaining. How many friends does he have? **14**
- 267) Paul bought six CDs. A week later half of all his CDs were destroyed in a fire. There are now only 16 CDs left. With how many did he start? **26**
- 268) You bought a magazine for \$7 and two erasers. You spent a total of \$17. How much did each eraser cost? **\$5**
- 269) A wise man once said, "500 reduced by 4 times my age is 112." What is his age? **97**
- 270) Matt sold half of his comic books and then bought five more. He now has 35. With how many did he begin? **60**
- 271) You bought a magazine for \$3 and eight notepads. You spent a total of \$19. How much did each notepad cost? **\$2**
- 272) Kali spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$5. What is her weekly allowance if she ended with \$9? **\$8**
- 273) You had \$24 to spend on two notebooks. After buying them you had \$18. How much did each notebook cost? **\$3**
- 274) Trevon's Bikes rents bikes for \$13 plus \$4 per hour. Lea paid \$41 to rent a bike. For how many hours did she rent the bike? **7**

- 275) Kristin won 38 lollipops playing basketball at her school's game night. Later, she gave two to each of her friends. She only has 2 remaining. How many friends does she have? **18**
- 276) Molly bought five boxes. A week later half of all her boxes were destroyed in a fire. There are now only 21 boxes left. With how many did she start? **37**
- 277) Daniel sold half of his comic books and then bought seventeen more. He now has 31. With how many did he begin? **28**
- 278) A wise man once said, "200 reduced by twice my age is 64." What is his age? **68**
- 279) Stephanie spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the car for \$9. What is her weekly allowance if she ended with \$15? **\$12**
- 280) How old am I if 500 reduced by 3 times my age is 314? **62**
- 281) Trevon spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$7. What is his weekly allowance if he ended with \$16? **\$18**
- 282) The sum of three consecutive numbers is 516. What is the smallest of these numbers? **16**
- 283) For a field trip 7 students rode in cars and the rest filled nine buses. How many students were in each bus if 412 students were on the trip? **45**
- 284) Rob won 48 pieces of gum playing basketball at the county fair. At school he gave two to every student in his math class. He only has 8 remaining. How many students are in his class? **20**
- 285) On Tuesday Anjali bought nine CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday? **35**
- 286) 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 five more. How many did she start with if she now has 31? **52**
- 287) Adam won 96 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 8 remaining. How many students are in his class? **22**
- 288) The sum of three consecutive numbers is 847. What is the smallest of these numbers? **27**
- 289) 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 47? **58**
- 290) Ryan spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$9. What is his weekly allowance if he ended with \$14? **\$10**
- 291) Jessica 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 four pieces. With how many pieces did she start? **20**
- 292) Mofor rented a bike from Kim's Bikes. It cost \$10 plus \$7 per hour. If Mofor paid \$45 then he rented the bike for how many hours? **5**
- 293) How old am I if 400 reduced by 3 times my age is 136? **88**
- 294) Aliyah won 91 super bouncy balls playing basketball 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? **28**

- 295) On Tuesday Stephanie bought eight CDs. ~~34~~  
On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 21 left. How many did she have on Monday?
- 296) Jose was going to sell all of his stamp ~~60~~  
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 40?
- 297) Half of your baseball card collection got ~~we~~~~14~~  
and was ruined. You bought 10 cards to replace some that were lost. How many did you begin with if you now have 22?
- 298) 531 students went on a field trip. Ten buses~~52~~  
were filled and 11 students traveled in cars. How many students were in each bus?
- 299) Kathryn had some candy to give to her three~~17~~  
children. She first took five pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 300) How old am I if 500 reduced by 2 times my~~73~~  
age is 354?
- 301) Ted 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?
- 302) The sum of three consecutive numbers is ~~27~~~~8~~  
What is the smallest of these numbers?
- 303) A wise man once said, "500 reduced by ~~4~~~~97~~  
times my age is 112." What is his age?
- 304) Shreya spent half of her weekly allowance ~~\$6~~  
on candy. To earn more money her parents let her clean the windows in the house for \$8. What is her weekly allowance if she ended with \$11?
- 305) The Cooking Club made some pies to sell ~~8~~  
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 four pieces and sold. There were a total of 48 pieces to sell. How many pies did the club make?
- 306) Perry had some paper with which to make ~~6~~  
note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 26 half-pieces of paper. With how many sheets of paper did he start?
- 307) Wilbur sold half of his comic books and ~~48~~  
then bought six more. He now has 30. With how many did he begin?
- 308) Stefan spent \$32 on a magazine and seven~~\$4~~  
candy bars. If the magazine cost \$4 then how much was each candy bar?
- 309) You had \$23 to spend on two pencils. After~~\$4~~  
buying them you had \$15. How much did each pencil cost?
- 310) Julia won 74 lollipops playing horseshoes ~~a~~~~2~~  
the county fair. At school she gave three to every student in her math class. She only has 8 remaining. How many students are in her class?
- 311) On Tuesday Kristin bought eight boxes. On~~24~~  
Wednesday half of all the boxes that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday?
- 312) Mike had some candy to give to his four ~~23~~  
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?

- 313) Imani spent half of her weekly allowance **\$16** buying pizza. To earn more money her parents let her clean the oven for \$10. What is her weekly allowance if she ended with \$18?
- 314) How old am I if 300 reduced by 2 times my age is 112? **94**
- 315) Micaela's Bikes rents bikes for \$17 plus \$2 **5** per hour. Julio paid \$27 to rent a bike. For how many hours did he rent the bike?
- 316) The Cooking Club made some pies to sell **6** 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 72 pieces to sell. How many pies did the club make?
- 317) Sumalee spent half of her weekly allowance **\$20** playing arcade games. To earn more money her parents let her clean the oven for \$6. What is her weekly allowance if she ended with \$16?
- 318) Cody bought ten hats. A week later half of **18** all his hats were destroyed in a fire. There are now only 14 hats left. With how many did he start?
- 319) For a field trip 25 students rode in cars and **85** the rest filled eight buses. How many students were in each bus if 305 students were on the trip?
- 320) Mark won 51 lollipops playing horseshoes **23** at the county fair. At school he gave two to every student in his math class. He only has 5 remaining. How many students are in his class?
- 321) Lisa won 43 pieces of gum playing **18** horseshoes 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?
- 322) On Tuesday Kali bought seven posters. On **25** Wednesday half of all the posters that she had were destroyed. On Thursday there were only 16 left. How many did she have on Monday?
- 323) Castel sold half of his comic books and then **40** bought ten more. He now has 30. With how many did he begin?
- 324) Jacob spent half of his weekly allowance **\$10** playing mini-golf. To earn more money his parents let him wash the car for \$4. What is his weekly allowance if he ended with \$9?
- 325) You had \$23 to spend on three advocados. **\$3** After buying them you had \$14. How much did each avocado cost?
- 326) The Cooking Club made some pies to sell **6** during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into five pieces and sold. There were a total of 50 pieces to sell. How many pies did the club make?
- 327) Scott had some candy to give to his three **21** children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 328) DeShawn's Bikes rents bikes for \$15 plus **\$74** per hour. Joe paid \$43 to rent a bike. For how many hours did he rent the bike?

- 329) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 70 pieces to sell. How many pies did the club make? **6**
- 330) 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 45? **8**
- 331) Huong won 40 pieces of gum playing basketball at her school's game night. Later, she gave three to each of her friends. She only has 4 remaining. How many friends does she have? **12**
- 332) Darryl wanted to make note cards by cutting pieces of paper in half. Before starting he got six more pieces to use. When he was done he had 30 half-pieces of paper. With how many pieces did he start? **9**
- 333) Chelsea had some paper with which to make note cards. On her way to her room she found six 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? **4**
- 334) 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 33? **14**
- 335) For a field trip 20 students rode in cars and the rest filled nine buses. How many students were in each bus if 317 students were on the trip? **33**
- 336) The sum of three consecutive even numbers is 54. What is the smallest of these numbers? **16**
- 337) How old am I if 200 reduced by 2 times my age is 2? **99**
- 338) Gabriella 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 four pieces. With how many pieces did she start? **15**
- 339) 116 students went on a field trip. Three buses were filled and 5 students traveled in cars. How many students were in each bus? **37**
- 340) John spent half of his weekly allowance on clothes. To earn more money his parents let him mow the lawn for \$7. What is his weekly allowance if he ended with \$11? **8**
- 341) Arjun won 36 pieces of gum playing basketball 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? **13**
- 342) Carlos had some paper with which to make note cards. On his way to his room he found five more pieces to use. In his room he cut each piece of paper in half. When he was done he had 16 half-pieces of paper. With how many sheets of paper did he start? **3**
- 343) Eugene 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 16 half-pieces of paper. With how many sheets of paper did he start? **6**
- 344) Brenda sold half of her comic books and then bought eleven more. She now has 29. With how many did she begin? **36**
- 345) You had \$21 to spend on five notebooks. After buying them you had \$1. How much did each notebook cost? **4**
- 346) You bought a magazine for \$4 and some candy bars for \$2 each. You spent a total of \$12. How many candy bars did you buy? **4**

- 347) How old am I if 300 reduced by 3 times my age is 90? **70**
- 348) Jose had some candy to give to his five 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? **24**
- 349) Asanji 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 two pieces. With how many pieces did he start? **8**
- 350) Totsakan spent half of his weekly allowance on clothes. To earn more money his parents let him wash the car for \$8. What is his weekly allowance if he ended with \$16? **\$16**
- 351) A wise man once said, "400 reduced by 3 times my age is 118." What is his age? **94**
- 352) Kayla had \$20 to spend on four advocados. After buying them she had \$8. How much did each avocado cost? **\$3**
- 353) Mei wanted to make note cards by cutting pieces of paper in half. Before starting she got three more pieces to use. When she was done she had 20 half-pieces of paper. With how many pieces did she start? **7**
- 354) Paul sold half of his comic books and then bought seventeen more. He now has 47. With how many did he begin? **60**
- 355) Abhasra bought four hats. A week later half of all her hats were destroyed in a fire. There are now only 19 hats left. With how many did she start? **34**
- 356) Natalie won 58 lollipops playing the bean bag toss 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? **27**
- 357) Jack won 69 pieces of gum playing horseshoes at his school's game night. Later, he gave three to each of his friends. He only has 6 remaining. How many friends does he have? **21**
- 358) Bill 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 five pieces. With how many pieces did he start? **23**
- 359) Kali spent half of her weekly allowance playing mini-golf. To earn more money her parents let her weed the garden for \$10. What is her weekly allowance if she ended with \$15? **\$10**
- 360) Eduardo spent half of his weekly allowance at the movies. To earn more money his parents let him clean the windows in the house for \$9. What is his weekly allowance if he ended with \$14? **\$10**
- 361) Lea bought a magazine for \$7 and seven candy bars. She spent a total of \$42. How much did each candy bar cost? **\$5**
- 362) 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 six pieces and sold. There were a total of 78 pieces to sell. How many pies did the club make? **9**
- 363) Matt won 53 pieces of gum playing hoops 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? **13**
- 364) Molly bought five CDs. A week later half of all her CDs were destroyed in a fire. There are now only 20 CDs left. With how many did she start? **35**

- 365) Daniel had \$20 to spend on two notebooks. \$3 After buying them he had \$14. How much did each notebook cost?
- 366) Julio sold half of his comic books and then 46 bought twelve more. He now has 35. With how many did he begin?
- 367) Ndiba won 95 pieces of gum playing 23 horseshoes at his school's game night. Later, he gave four to each of his friends. He only has 3 remaining. How many friends does he have?
- 368) Sarawong had some paper with which to 9 make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 32 half-pieces of paper. With how many sheets of paper did he start?
- 369) The Cooking Club made some pies to sell a 9 a basketball game to raise money for the new math books. The cafeteria contributed three pies to the sale. Each pie was then cut into five pieces and sold. There were a total of 60 pieces to sell. How many pies did the club make?
- 370) Amanda spent half of her weekly allowance \$20 buying pizza. To earn more money her parents let her clean the gutters for \$4. What is her weekly allowance if she ended with \$14?
- 371) Kim rented a bike from Micaela's Bikes. It 8 cost \$20 plus \$5 per hour. If Kim paid \$60 then she rented the bike for how many hours?
- 372) For a field trip 19 students rode in cars and 54 the rest filled three buses. How many students were in each bus if 181 students were on the trip?
- 373) A wise man once said, "400 reduced by 3 99 times my age is 103." What is his age?
- 374) Micaela had some candy to give to her five 35 children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 375) Jasmine bought four boxes. A week later 18 half of all her boxes were destroyed in a fire. There are now only 11 boxes left. With how many did she start?
- 376) Jill sold half of her comic books and then 28 bought seventeen more. She now has 31. With how many did she begin?
- 377) Mary won 59 pieces of gum playing 25 horseshoes at the county fair. At school she gave two to every student in her math class. She only has 9 remaining. How many students are in her class?
- 378) The sum of three consecutive numbers is 6 320 What is the smallest of these numbers?
- 379) Ryan wanted to make note cards by cutting 5 pieces of paper in half. Before starting he got five more pieces to use. When he was done he had 20 half-pieces of paper. With how many pieces did he start?
- 380) Jessica sold half of her comic books and 40 then bought sixteen more. She now has 36. With how many did she begin?
- 381) Mofor had some candy to give to his three 21 children. He first took nine pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?
- 382) Heather spent \$9 on a magazine and some 2 erasers. If the magazine cost \$5 and each eraser cost \$2 then how many erasers did she buy?
- 383) A wise man once said, "500 reduced by 4 96 times my age is 116." What is his age?
- 384) How old am I if 500 reduced by 4 times my 83 age is 168?

- 385) Jenny had some candy to give to her three children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start? **18**
- 386) Beth spent half of her weekly allowance on candy. To earn more money her parents let her wash the dog for \$7. What is her weekly allowance if she ended with \$16? **\$18**
- 387) Norachai sold half of his comic books and then bought five more. He now has 26. With how many did he begin? **42**
- 388) 231 students went on a field trip. Four buses were filled and 23 students traveled in cars. How many students were in each bus? **52**
- 389) Kayla 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 26 half-pieces of paper. With how many pieces did she start? **7**
- 390) On Tuesday Jennifer bought ten posters. On Wednesday half of all the posters that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday? **34**
- 391) The sum of three consecutive numbers is 62. What is the smallest of these numbers? **21**
- 392) Elisa spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$5. What is her weekly allowance if she ended with \$9? **\$8**
- 393) How old am I if 400 reduced by 3 times my age is 163? **79**
- 394) 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 eight pieces and sold. There were a total of 80 pieces to sell. How many pies did the club make? **8**
- 395) 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 six pieces and sold. There were a total of 66 pieces to sell. How many pies did the club make? **9**
- 396) Stefan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$14? **\$12**
- 397) You bought a magazine for \$2 and four candy bars. You spent a total of \$22. How much did each candy bar cost? **\$5**
- 398) Julia had \$20 to spend on three notebooks. After buying them she had \$14. How much did each notebook cost? **\$2**
- 399) Asanji won 41 pieces of gum playing basketball at the county fair. At school he gave two to every student in his math class. He only has 9 remaining. How many students are in his class? **16**
- 400) Shanice spent \$25 on a magazine and six candy bars. If the magazine cost \$7 then how much was each candy bar? **\$3**