



Writing linear equations - standard to slope

Use the coordinates of the given points and write the standard form of equation of each line.

1) through: $(4, -1)$ and $(0, -1)$

2) through: $(-3, 0)$ and $(-4, -2)$

3) through: $(-4, -2)$ and $(0, -1)$

4) through: $(-4, 1)$ and $(0, 0)$

5) through: $(-1, 2)$ and $(2, -1)$

6) through: $(4, 2)$ and $(-5, -5)$

7) through: $(-4, 0)$ and $(-5, 3)$

8) through: $(-4, -4)$ and $(3, 3)$

9) through: $(-5, 4)$ and $(-2, 4)$

10) through: $(2, -5)$ and $(2, 1)$

11) through: $(4, -4)$ and $(5, 2)$

12) through: $(5, 4)$ and $(-5, 1)$

13) through: $(-2, -4)$ and $(5, -5)$

14) through: $(4, -2)$ and $(4, 5)$

15) through: $(5, 0)$ and $(1, -3)$

16) through: $(5, -4)$ and $(-3, -3)$

17) through: $(0, -1)$ and $(5, 2)$

18) through: $(-4, 0)$ and $(5, -2)$

19) through: $(5, -5)$ and $(3, 0)$

20) through: $(4, 3)$ and $(0, 1)$

21) through: $(0, 1)$ and $(-4, 4)$

22) through: $(0, 2)$ and $(-4, 4)$

23) through: $(0, 4)$ and $(5, -2)$

24) through: $(2, 5)$ and $(0, 4)$

25) through: $(-2, 1)$ and $(0, 5)$

26) through: $(3, 5)$ and $(0, -5)$

27) through: $(0, -5)$ and $(5, 3)$

28) through: $(0, -3)$ and $(-3, -4)$

29) through: $(0, -3)$ and $(5, 4)$

30) through: $(2, 0)$ and $(0, -2)$

Answers to Writing linear equations - standard to slope

1) $y = -1$

5) $x + y = 1$

9) $y = 4$

13) $x + 7y = -30$

17) $3x - 5y = 5$

21) $3x + 4y = 4$

25) $2x - y = -5$

29) $7x - 5y = 15$

2) $2x - y = -6$

6) $7x - 9y = 10$

10) $x = 2$

14) $x = 4$

18) $2x + 9y = -8$

22) $x + 2y = 4$

26) $10x - 3y = 15$

30) $x - y = 2$

3) $x - 4y = 4$

7) $3x + y = -12$

11) $6x - y = 28$

15) $3x - 4y = 15$

19) $5x + 2y = 15$

23) $6x + 5y = 20$

27) $8x - 5y = 25$

4) $x + 4y = 0$

8) $x - y = 0$

12) $3x - 10y = -25$

16) $x + 8y = -27$

20) $x - 2y = -2$

24) $x - 2y = -8$

28) $x - 3y = 9$