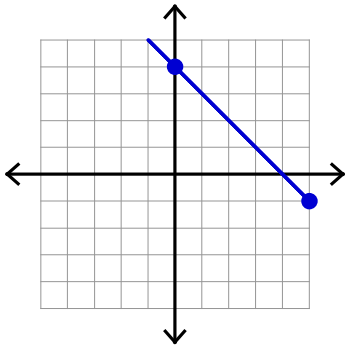


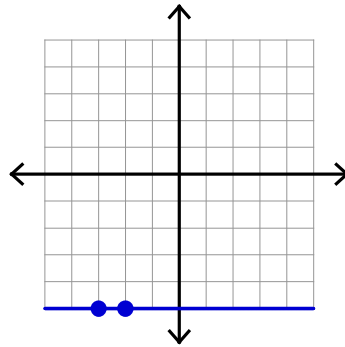
Exam Review - Finding the slope of a linear function

Find the slope of each line.

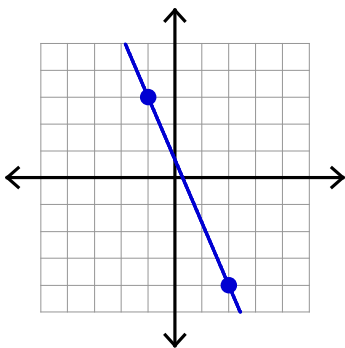
1)



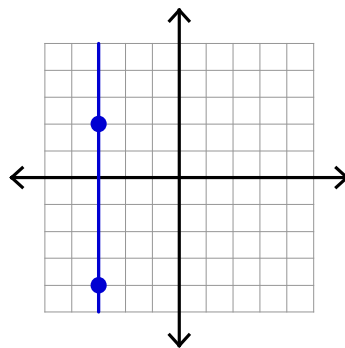
2)



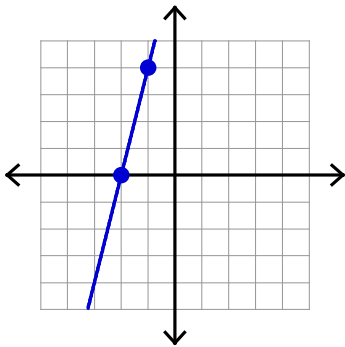
3)



4)



5)



Find the slope of the line through each pair of points.

6) $(-14, -4), (8, 18)$

7) $(12, 1), (14, 10)$

8) $(20, 6), (11, -1)$

9) $(-6, -12), (0, -3)$

10) $(-13, -19), (-17, 19)$

Find the slope of each line.

11) $4x + 5y = 15$

12) $y = -1$

13) $6x + 5y = -5$

14) $x + y = -4$

15) $x + y = 1$

16) $y = 2x + 3$

17) $y = 2x - 5$

18) $y = \frac{3}{4}x - 5$

19) $y = -\frac{5}{3}x - 3$

20) $y = 3x - 4$

Find the slope of a line parallel to each given line.

21) $y = \frac{1}{5}x + 3$

22) $y = \frac{1}{5}x$

Find the slope of a line perpendicular to each given line.

23) $y = -4x - 5$

24) $y = \frac{7}{5}x - 3$

Find the slope of a line parallel to each given line.

25) $7x - 3y = 15$

26) $8x - 5y = 25$

Find the slope of each line.

27) $x + y = -1$

Answers to Exam Review - Finding the slope of a linear function

1) -1

2) 0

3) $-\frac{7}{3}$

4) Undefined

5) 4

6) 1

7) $\frac{9}{2}$

8) $\frac{7}{9}$

9) $\frac{3}{2}$

10) $-\frac{19}{2}$

11) $-\frac{4}{5}$

12) 0

13) $-\frac{6}{5}$

14) -1

15) -1

16) 2

17) 2

18) $\frac{3}{4}$

19) $-\frac{5}{3}$

20) 3

21) $\frac{1}{5}$

22) $\frac{1}{5}$

23) $\frac{1}{4}$

24) $-\frac{5}{7}$

25) $\frac{7}{3}$

26) $\frac{8}{5}$

27) -1