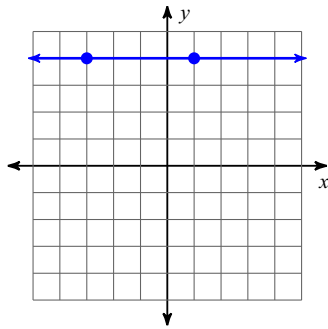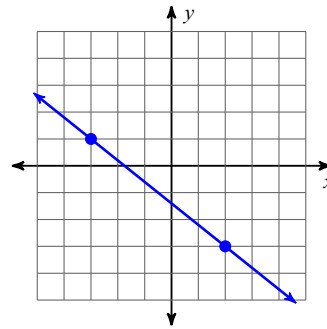Name_____ ID: 1
Assignment 1 Slope
Date_____

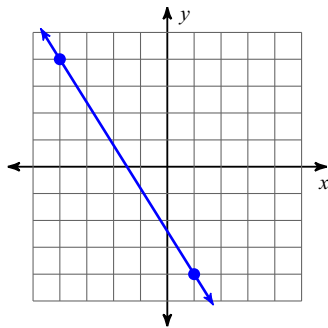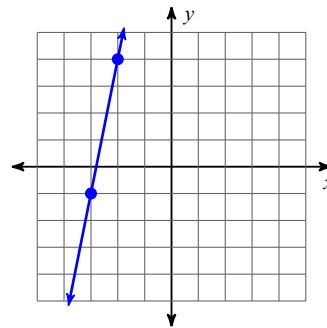**Find the slope of each line.**

1)

2)

3)

4)

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

5) $(-3, 16), (13, 17)$

6) $(-20, 8), (17, -2)$

7) $(18, 14), (-13, -3)$

8) $(-7, -17), (-8, -4)$

9) $(-16, -2), (-7, 10)$

10) $(-7, 9), (12, -6)$

Find the slope of each line.

11) $y = x + 3$

12) $x = 4$

13) $y = \dfrac{3}{2}x - 1$

14) $y = 6x - 4$

Find the value of x or y so that the line through the points has the given slope.

15) $(1, -4)$ and $(-5, y)$; slope: $-\dfrac{1}{3}$

16) $(-7, y)$ and $(1, -7)$; slope: $-\dfrac{7}{8}$

17) $(7, y)$ and $(9, 5)$; slope: 1

18) $(x, -1)$ and $(-3, 8)$; slope: $-\dfrac{9}{8}$

Answers to Assignment 1 Slope (ID: 1)

1) 0

2) $-\dfrac{4}{5}$

3) $-\dfrac{8}{5}$

4) 5

5) $\dfrac{1}{16}$

6) $-\dfrac{10}{37}$

7) $\dfrac{17}{31}$

8) −13

9) $\dfrac{4}{3}$

10) $-\dfrac{15}{19}$

11) 1

12) Undefined

13) $\dfrac{3}{2}$

14) 6

15) −2

16) 0

17) 3

18) 5