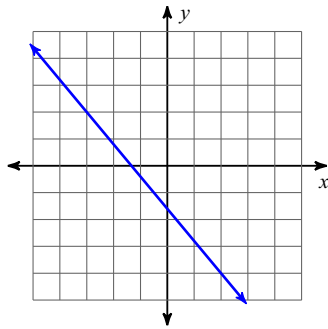


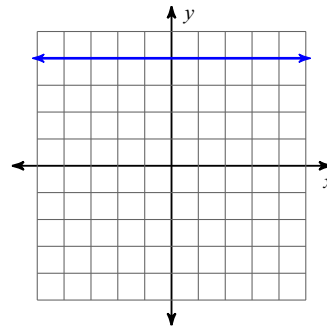
Extra Credit: Slope

Find the slope of each line.

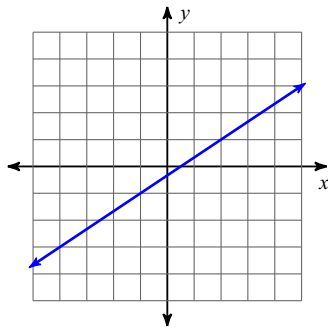
1)



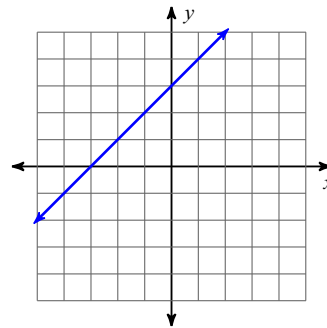
2)



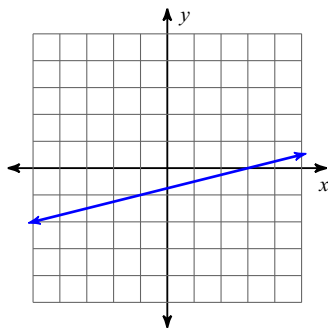
3)



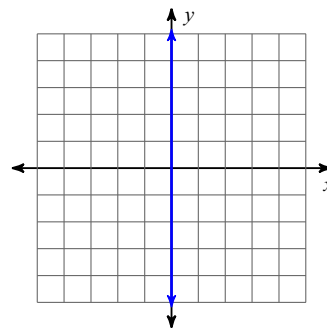
4)



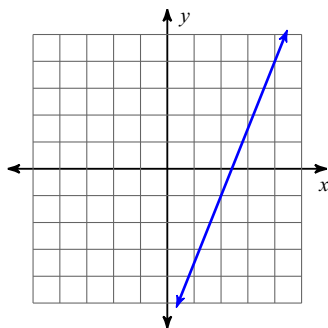
5)



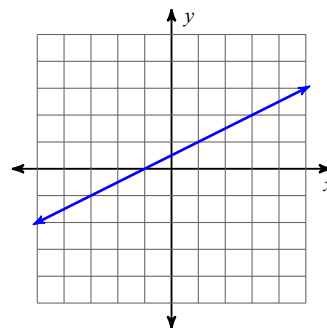
6)



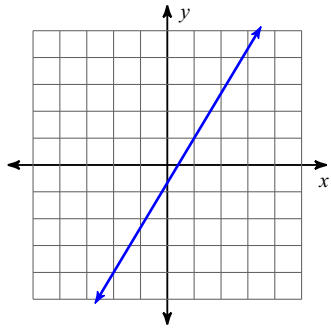
7)



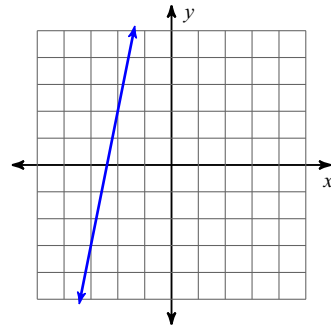
8)



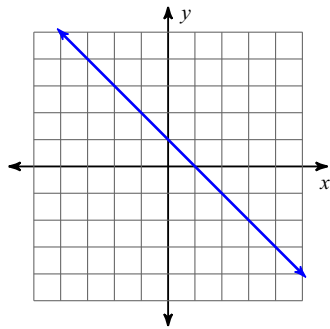
9)



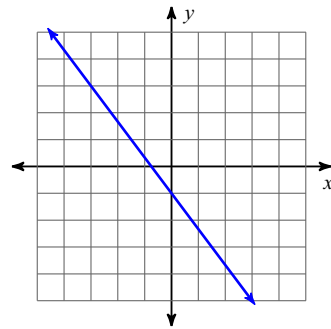
10)



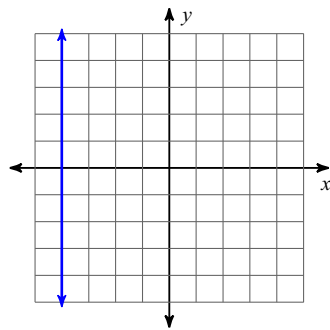
11)



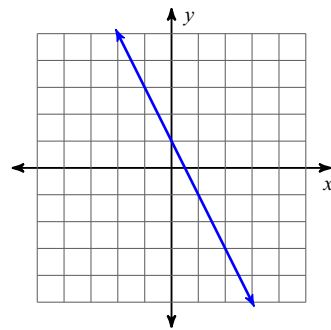
12)



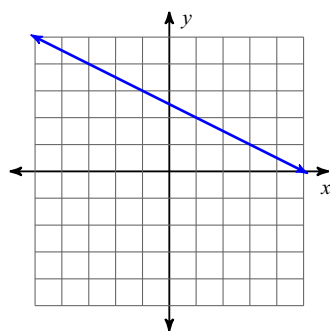
13)



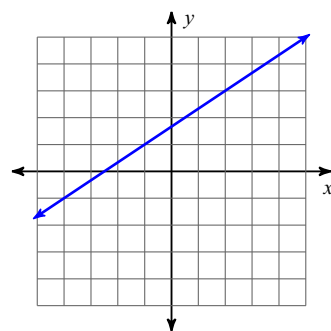
14)



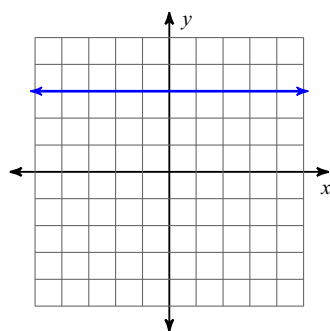
15)



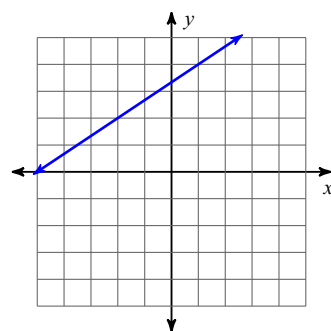
16)



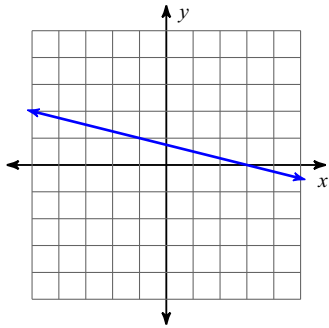
17)



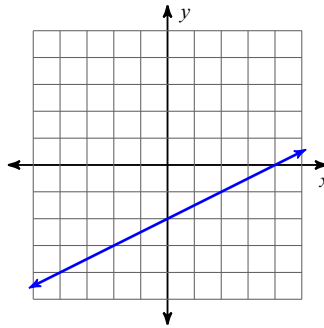
18)



19)



20)



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

21) $(-17, 2), (-14, -20)$

23) $(12, 11), (17, -4)$

25) $(16, -19), (0, -17)$

27) $(12, 20), (-13, 4)$

29) $(-8, 10), (15, 6)$

31) $(14, 8), (-12, 19)$

33) $(20, -4), (-7, -12)$

35) $(13, 0), (17, -5)$

37) $(8, -8), (19, -20)$

39) $(7, -11), (9, -16)$

22) $(-2, -9), (4, -15)$

24) $(-17, 3), (-18, 15)$

26) $(14, 8), (4, 20)$

28) $(-11, -15), (-11, 12)$

30) $(-16, 13), (-4, 13)$

32) $(18, 13), (2, 15)$

34) $(-1, -19), (-15, -19)$

36) $(-4, 2), (-6, 1)$

38) $(-19, -11), (-7, 3)$

40) $(-9, 12), (-8, -2)$

Find the slope of each line.

41) $y = 3x + 2$

43) $y = -\frac{2}{5}x - 2$

45) $y = -\frac{1}{5}x + 1$

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

49) $y = -4x + 5$

51) $y = \frac{5}{2}x + 4$

53) $y = -\frac{1}{2}x + 2$

55) $y = -3x + 4$

57) $y = \frac{9}{5}x + 4$

42) $y = -2$

44) $y = -x - 5$

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

48) $x = -4$

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

52) $y = \frac{9}{5}x + 5$

54) $y = \frac{7}{5}x + 3$

56) $y = \frac{7}{4}x + 2$

58) $y = -\frac{1}{4}x$

59) $y = \frac{1}{4}x - 3$

60) $y = \frac{1}{4}x - 1$

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

61) $y = -4x - 5$

62) $x = 3$

63) $y = \frac{5}{2}x - 5$

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

65) $y = -3$

66) $y = -\frac{1}{3}x + 3$

67) $y = -\frac{7}{4}x - 3$

68) $y = -\frac{6}{5}x + 1$

69) $y = -3x - 4$

70) $y = -\frac{3}{2}x + 3$

71) $y = -1$

72) $y = 3x - 4$

73) $y = -8x - 3$

74) $x = 0$

75) $y = \frac{2}{3}x + 3$

76) $y = -2x - 5$

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

78) $y = -\frac{3}{4}x - 1$

79) $y = \frac{4}{3}x + 5$

80) $y = x + 2$

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

81) $y = -2x + 4$

82) $y = 4x - 1$

83) $y = -\frac{5}{2}x + 5$

84) $y = \frac{3}{4}x + 5$

85) $y = -\frac{1}{3}x + 1$

86) $y = \frac{4}{3}x - 2$

87) $y = -3x + 4$

88) $y = -3x + 1$

89) $y = \frac{1}{4}x + 3$

90) $y = -\frac{3}{2}x - 3$

91) $y = \frac{1}{3}x - 5$

92) $y = x - 2$

93) $y = \frac{1}{4}x + 2$

94) $x = 0$

95) $y = 4x + 1$

96) $y = x - 5$

97) $y = -\frac{7}{2}x + 5$

98) $x = -3$

99) $x = -4$

100) $y = \frac{6}{5}x - 4$