

C1L1 Answers

17. (-1, 4) II

18. (3, 4) I

19. (3, 1) I

20. (-6, -4) III

22. x min = -3

x max = 7

x scl = 1

y min = -4

y max = 9

y scl = 1

24. x min = -100

x max = 40

x scl = 10

y min = -60

y max = 80

y scl = 10

26. x min = -20

x max = 110

x scl = 10

y min = -10

y max = 60

y scl = 10

28. x min = -3

x max = 3

x scl = 1

y min = -2

y max = 2

y scl = 1

30. x min = -9

x max = 9

x scl = 3

y min = -12

y max = 4

y scl = 4

32. x min = -22

x max = -10

x scl = 2

y min = 4

y max = 8

y scl = 1

34. $\sqrt{5}$

36. $\sqrt{10}$

38. 5

40. 10

42. $5\sqrt{5}$

44. $|a|\sqrt{2}$

46. $\sqrt{149}$

48. $\sqrt{205}$

56. (0, 2)

58. (6, 0)

60. $\left(-1, \frac{-1}{2}\right)$

62. $\left(\frac{a}{2}, \frac{a}{2}\right)$

64. (0, 0) and (1, -1)

66. (0, 1) and (-1, 0)

68. (0, 1) and (2, 0)

69. x-int: (-1, 0)(1, 0)

70. y-int: (0, 1)

71. x-int: $\left(\frac{-\pi}{2}, 0\right)\left(\frac{\pi}{2}, 0\right)$
y-int: (0, 1)

72. x-int: (-2, 0)(2, 0)
y-int: (0, -3)

73. x-int: (1, 0)
y-int: (0, 2)(0, -2)

74. x-int: (-2, 0)(2, 0)
y-int: (0, -2)(0, 2)

75. x-int: $(-4, 0)(-1, 0)(4, 0)$ y-int: $(0, -3)$

76. x-int: $(-2, 0)(2, 0)$ y-int: $(0, 3)$

99. $\sqrt{29}, \sqrt{17}, 2\sqrt{5}$