

C1L2 Answers

3. intercepts

4. $y = 0$

5. y-axis

6. 4

7. $(-3, 4)$

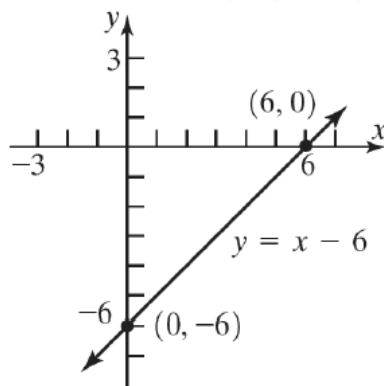
8. True

9. False

10. False

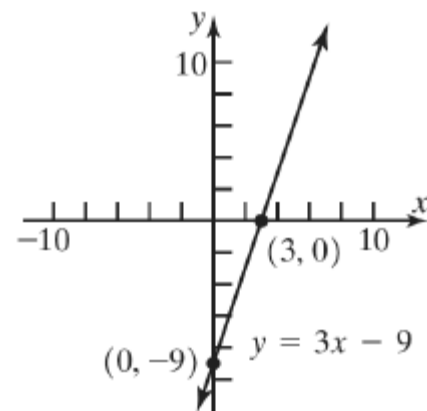
12.

The intercepts are $(6, 0)$ and $(0, -6)$.



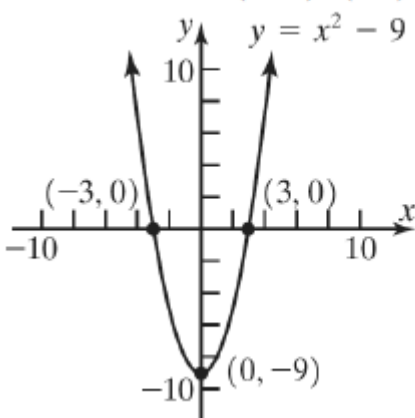
14.

The intercepts are $(3, 0)$ and $(0, -9)$.



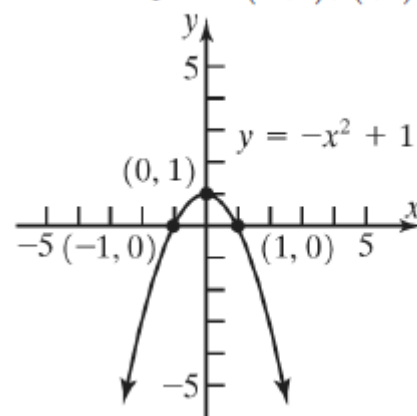
16.

The intercepts are $(-3, 0)$, $(3, 0)$, and $(0, -9)$.



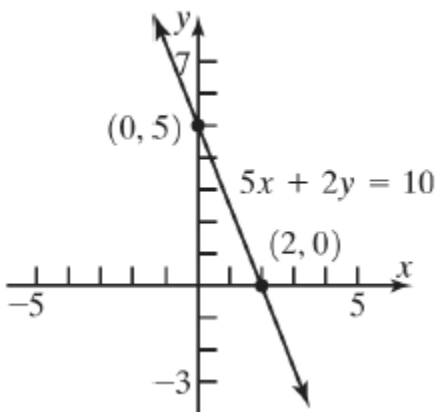
18.

The intercepts are $(-1, 0)$, $(1, 0)$, and $(0, 1)$.



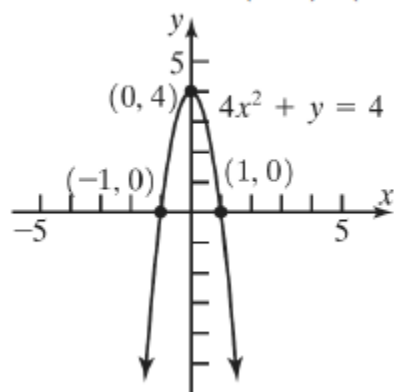
20.

The intercepts are $(2, 0)$ and $(0, 5)$.

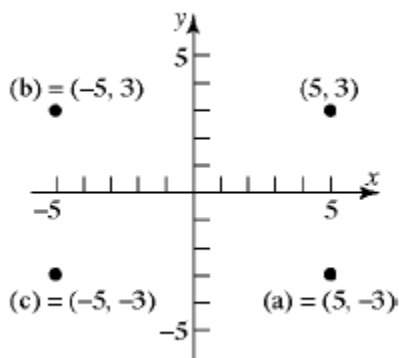


22.

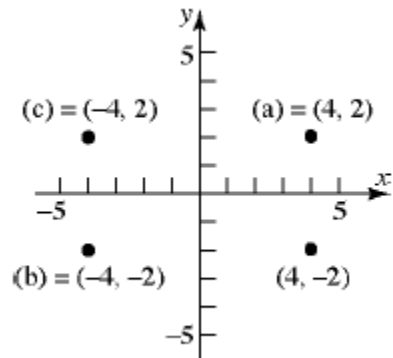
The intercepts are $(-1, 0)$, $(1, 0)$, and $(0, 4)$.



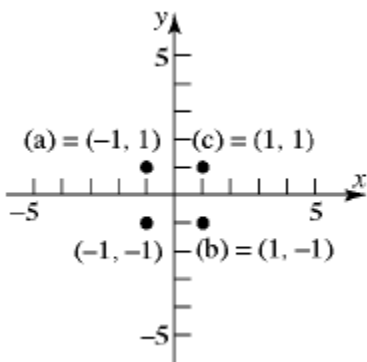
24.



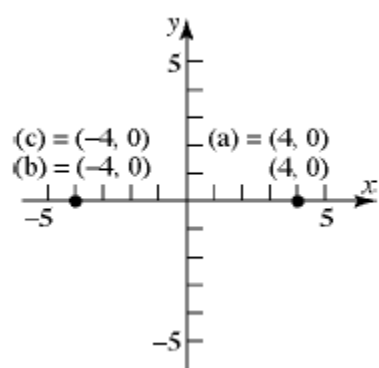
26.



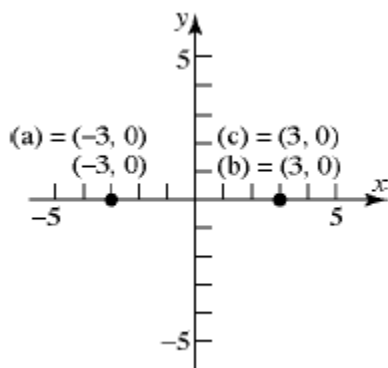
28.



30.



32.



33. x-int: $(1, 0)(-1, 0)$
symmetric about
x-axis, y-axis, origin

34. y-int: $(0, 1)$
not symmetric

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

36. x-int: $(-2, 0) (2, 0)$
y-int: $(0, -3)$
symmetric about y-axis

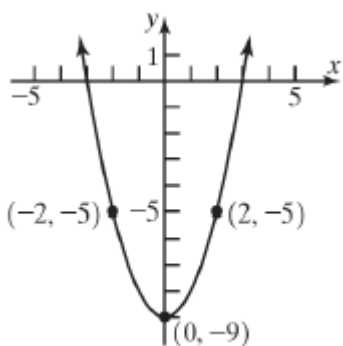
37. x-int: $(0, 0)$
y-int: $(0, 0)$
symmetric about x-axis

38. x-int: $(-2, 0) (2, 0)$
y-int: $(0, 2), (0, -2)$
symmetric about x-axis,
y-axis, origin

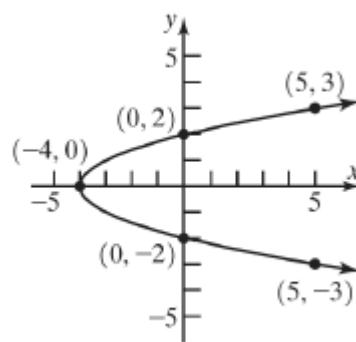
39. x-int: $(-2, 0)(0, 0)(2, 0)$
y-int: $(0, 0)$
symmetric about origin

40. x-int: $(-4, 0)(0, 0)(4, 0)$
y-int: $(0, 0)$
symmetric about origin

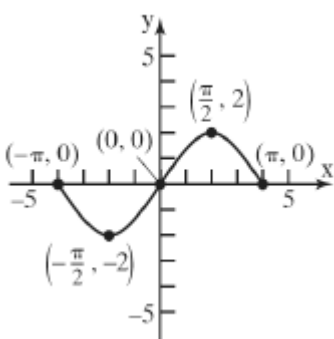
41.



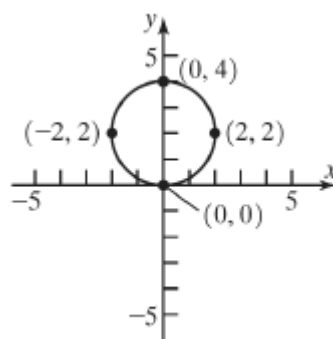
42.



43.



44.



46. x-int: $(-9, 0)$
 y-int: $(0, -3)$ $(0, 3)$
 symmetric about x-axis

48. x-int: $(0, 0)$
 y-int: $(0, 0)$
 symmetric about origin

50. x-int: $(-2, 0)$ $(2, 0)$
 y-int: $(0, -8)$
 symmetric about y-axis

52. x-int: $(-1, 0)$ $(1, 0)$
 y-int: $(0, -2)$ $(0, 2)$
 symmetric about x-axis,
 y-axis, origin

54. x-int: $(-1, 0)$ $(1, 0)$
 y-int: $(0, -1)$
 symmetric about y-axis

56. x-int: none
 y-int: $(0, 4)$
 symmetric about y-axis

58. x-int: (-2, 0) (2, 0)
y-int: (0, -4)
symmetric about origin

60. x-int: none
y-int: none
symmetric about origin

65. b = 13

66. b = 2

67. a = -4, 1

68. x = -5, -1

77. (-1, -2)

78. (-6, 0)

79. (4, 0)

80. (0, -2)