

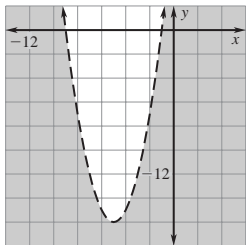
Answer Key

Practice B

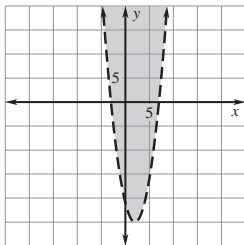
1. $(1, -1)$ is not a solution 2. $(-1, -6)$ is not a solution 3. $(2, 7)$ is a solution

4. $(3, -3)$ is a solution

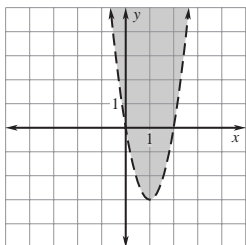
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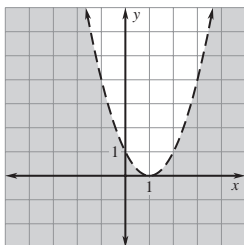
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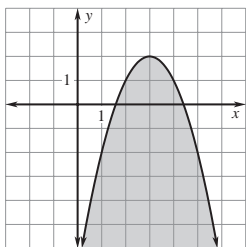
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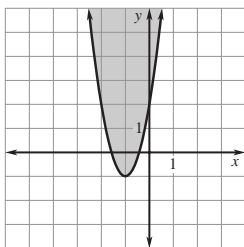
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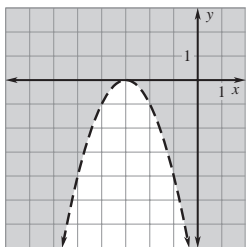
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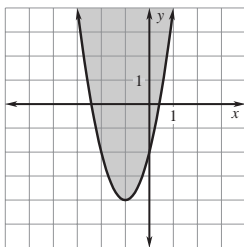
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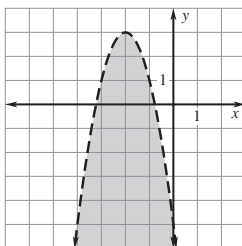
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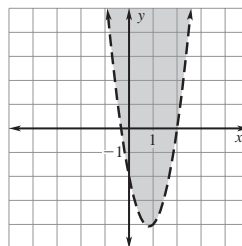
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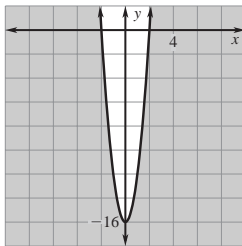
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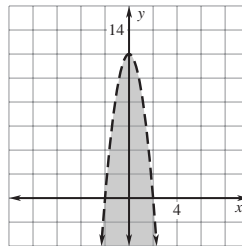
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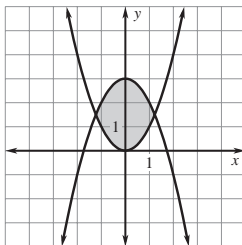
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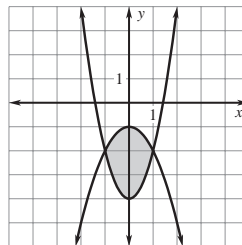
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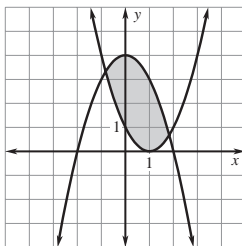
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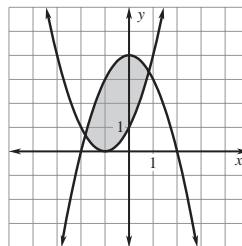
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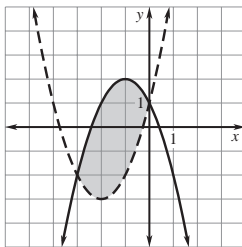
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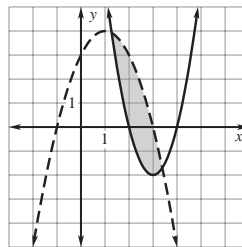
20.



21.



22.



Answer Key

23. $-3 < x < 5$ 24. $x < -2$ or $x > 8$

25. $-4 \leq x \leq -1$ 26. $x \leq -4$ or $x \geq -3$

27. $4 < x < 7$ 28. $x \leq 3$ or $x \geq 6$

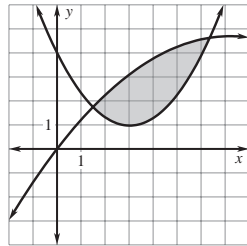
29. $-\frac{1}{2} \leq x \leq 3$ 30. $x \leq -\frac{2}{3}$ or $x \geq 4$

31. $-3 \leq x \leq 7$

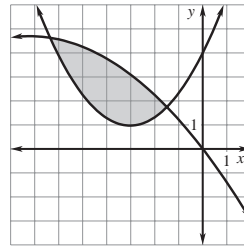
32. $x \leq -2 - \sqrt{2}$ or $x \geq -2 + \sqrt{2}$

33. $1 \leq x < \frac{4}{3}$ 34. $x < 0$ or $x > \frac{5}{2}$

35. a.



b.



36. b 37. a 38. $y \geq 0.33x^2 - 2x + 4,$

$y \geq 0.33x^2 + 2x + 4$