

CHAPTER 6, TEST A

1. $(x - 2)(x - 3)$

2. $(x + 1)(x - 5)$

3. (a) $x = -2$ or $x = 3$

(b) $x = -4$ or $x = 0$ or $x = 3$

4. $x = -6$ or $x = -2$

5. $x = -3$ or $x = 5$

6. $x = -\frac{5}{3}$ or $x = 1$

7. $x = \frac{1 \pm \sqrt{6}}{2}$

8. $x = \pm \frac{9}{2}$

9. $x = \pm \frac{7\sqrt{6}}{6}$

10. 6 cm, 8 cm, 10 cm

11. 325

12. $17\frac{3}{5}$ in.

13. \$4.50

14. 8 in.^3

15. (a) $\{3\}$ (b) $\{-5\}$

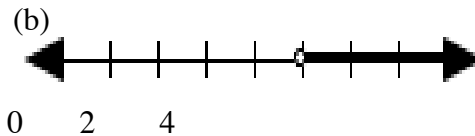
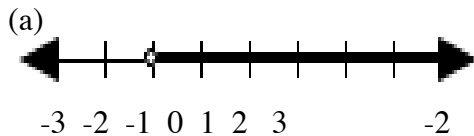
16. (a) $\{3, 4, 5, \dots\}$

(b) $\{4, 5, 6, \dots\}$

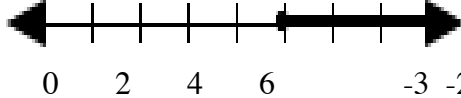
17. (a) $\frac{1}{3}$

(b) $\{x \mid x \leq 2\}$

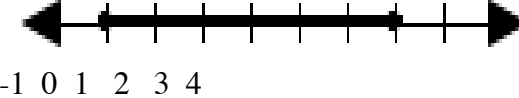
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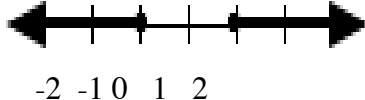
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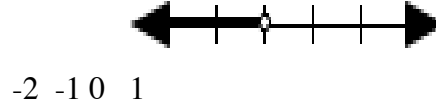
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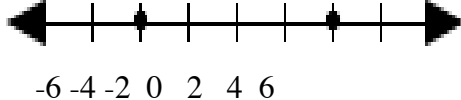
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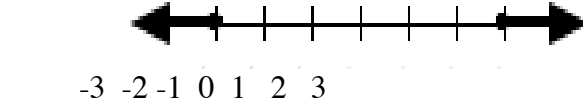
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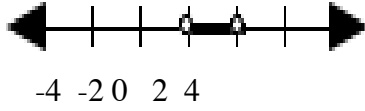
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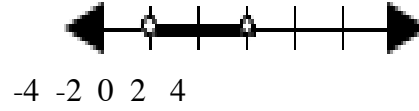
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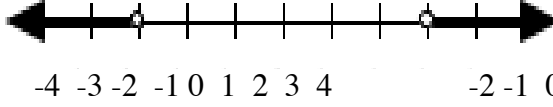
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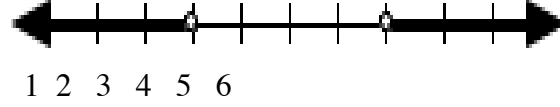
26.



27.



28.



CHAPTER 6, TEST B

1. (c) 2. (b) 3. (d) 4. (c) 5. (a)

6. (d) 7. (a) 8. (c) 9. (c) 10. (b)

11. (d) 12. (c) 13. (d) 14. (b) 15. (d)

16. (d) 17. (c) 18. (b) 19. (c) 20. (d)

21. (c) 22. (d) 23. (a) 24. (d) 25. (c)

26. (e) 27. (a) 28. (a)