

Answer Key

Lesson 11.6

Practice Level C

- 1.** 24° **2.** 14.4° **3.** 11.3° **4.** 5.1° **5.** 10.6 in.
6. 16.6 m **7.** about 70.1 square units **8.** about 400.5 square units **9.** about 1014.8 square units
10. 292.3 cm^2 **11.** 187.7 in.^2 **12.** 19.8 cm^2
13. 6.2 cm **14.** 60 units; 247.8 square units
15. 59.7 units; 268.4 square units **16.** 43.3 units;
144.0 square units **17.** 72 units; 374.1 square units **18.** 73.5 units; 407.3 square units
19. 74.2 units; 423.2 square units **20.** always **21.** always **22.** never **23.** about 6.9 in.^2
24. about 41.6 in.^2 **25.** about 22.2% **26.** \$9.36
27. a. 3 colors **b.** about 166.3 in.^2
c. about 28 tiles