

## **Chapter 7**

### **Slate Review**

**Classify the number with its most specific name.**

1.  $\sqrt{144}$

2.  $\frac{2}{3}$

3.  $\sqrt{57}$

4.  $-\sqrt{225}$

5. 0.25

**Find the square root or the cube root.**

6.  $-\sqrt{625}$

7.  $\sqrt[3]{64}$

8.  $\sqrt{0.25}$

9.  $\sqrt[3]{-512}$

**Evaluate the expression**

$$10. \quad 10 - 4\sqrt{\frac{1}{16}}$$

$$11. \quad 5 - \sqrt[3]{343}$$

**Estimate to the nearest tenth.**

$$12. \quad \sqrt{95}$$

$$13. \quad \sqrt{200}$$

**Is it a right triangle?**

$$14. \quad 8, 14, 18$$

$$15. \quad 4, 5, 8$$

**Find the missing side.**

16.  $a = 5$ ,  $b = 3$ ,  $c = ?$

17.  $a = ?$ ,  $b = 9$ ,  $c = 15$

18. A slide is 14 feet long. The ladder to the top of the slide is 9 feet. How far is the end of the slide from the bottom of the ladder?

**Find the distance.**

19.  $(-2, 3)$ ,  $(4, 2)$

20.  $(-4, 2)$ ,  $(5, -1)$