

LESSON **Practice B**
1-5 **Square Roots and Real Numbers**

Find each square root.

1. $\sqrt{144}$

2. $-\sqrt{36}$

3. $\sqrt{\frac{1}{49}}$

4. $\sqrt{196}$

5. $-\sqrt{64}$

6. $-\sqrt{\frac{4}{25}}$

7. A contractor needs to cut a piece of glass to fit a square window. The area of the window is 12 ft^2 . Find the length of the side of the window to the nearest tenth of a foot.

8. A piece of cloth must be cut to exactly cover a square table. The area of the table is 27 ft^2 . Find the length of the side of the table to the nearest tenth of a foot.

Write all the classifications that apply to each real number.

9. $\sqrt{2}$

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

11. -10

12. $\sqrt{81}$

13. 0

14. 1

