

## Inverses and Rounding

What is the inverse of each operation?

1.  $9^2$

2.  $\sqrt{16}$

3.  $\sqrt{11}$

4.  $7^2$

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Find each square root. Round to the nearest tenth if necessary.

5.  $\sqrt{130}$

6.  $\sqrt{8}$

7.  $\sqrt{144}$

8.  $\sqrt{160}$

\_\_\_\_\_

9.  $\sqrt{182}$

10.  $\sqrt{256}$

11.  $\sqrt{301}$

12.  $\sqrt{350}$

\_\_\_\_\_

13.  $\sqrt{196}$

14.  $\sqrt{3}$

15.  $\sqrt{5}$

\_\_\_\_\_

Solve for x. Round to the nearest hundredth of necessary.

16.  $x^2 = 36$

17.  $x^2 = 81$

18.  $x^2 = 33$

19.  $x^2 = 75$

\_\_\_\_\_

20.  $x^2 = 5$

21.  $x^2 = 16$

22.  $x^2 = 47$

23.  $x^2 = 121$

\_\_\_\_\_

Complete each sentence.

24.  $\sqrt{57}$  is between \_\_\_\_\_ and \_\_\_\_\_, and it is closer to \_\_\_\_\_.

25.  $\sqrt{22}$  is between \_\_\_\_\_ and \_\_\_\_\_, and it is closer to \_\_\_\_\_.

Multiple Choice.

26. Which is the best approximation for  $\sqrt{102}$ ?    27. Which is the best approximation for  $\sqrt{38}$ ?

- A. 10
- B. 10.09
- C. 10.099
- D. 10.1

- A. 6
- B. 6.16
- C. 7
- D. 6.1

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