

Name : _____

Score : _____

Teacher : _____

Date : _____

Perfect Squares and Cubes Operations

Write the square or cube root for each number.

1) $\sqrt{196} = \underline{\hspace{2cm}}$ 2) $\sqrt[3]{8} = \underline{\hspace{2cm}}$ 3) $\sqrt{361} = \underline{\hspace{2cm}}$

4) $\sqrt[3]{1728} = \underline{\hspace{2cm}}$ 5) $\sqrt{400} = \underline{\hspace{2cm}}$ 6) $\sqrt[3]{343} = \underline{\hspace{2cm}}$

Write the square root for each number.

7) $\sqrt{324} = \underline{\hspace{2cm}}$ 8) $\sqrt{361} = \underline{\hspace{2cm}}$ 9) $\sqrt{9} = \underline{\hspace{2cm}}$

10) $\sqrt{169} = \underline{\hspace{2cm}}$ 11) $\sqrt{49} = \underline{\hspace{2cm}}$ 12) $\sqrt{25} = \underline{\hspace{2cm}}$

Write the cube root for each number.

13) $\sqrt[3]{1331} = \underline{\hspace{2cm}}$ 14) $\sqrt[3]{4096} = \underline{\hspace{2cm}}$ 15) $\sqrt[3]{343} = \underline{\hspace{2cm}}$

16) $\sqrt[3]{6859} = \underline{\hspace{2cm}}$ 17) $\sqrt[3]{1000} = \underline{\hspace{2cm}}$ 18) $\sqrt[3]{216} = \underline{\hspace{2cm}}$



Name : Answer Key

Score : _____

Teacher : _____

Date : _____

Perfect Squares and Cubes Operations

Write the square or cube root for each number.

1) $\sqrt{196} = \underline{14}$
14 · 14

2) $\sqrt[3]{8} = \underline{2}$
2 · 2 · 2

3) $\sqrt{361} = \underline{19}$
19 · 19

4) $\sqrt[3]{1728} = \underline{12}$
12 · 12 · 12

5) $\sqrt{400} = \underline{20}$
20 · 20

6) $\sqrt[3]{343} = \underline{7}$
7 · 7 · 7

Write the square root for each number.

7) $\sqrt{324} = \underline{18}$
18 · 18

8) $\sqrt{361} = \underline{19}$
19 · 19

9) $\sqrt{9} = \underline{3}$
3 · 3

10) $\sqrt{169} = \underline{13}$
13 · 13

11) $\sqrt{49} = \underline{7}$
7 · 7

12) $\sqrt{25} = \underline{5}$
5 · 5

Write the cube root for each number.

13) $\sqrt[3]{1331} = \underline{11}$
11 · 11 · 11

14) $\sqrt[3]{4096} = \underline{16}$
16 · 16 · 16

15) $\sqrt[3]{343} = \underline{7}$
7 · 7 · 7

16) $\sqrt[3]{6859} = \underline{19}$
19 · 19 · 19

17) $\sqrt[3]{1000} = \underline{10}$
10 · 10 · 10

18) $\sqrt[3]{216} = \underline{6}$
6 · 6 · 6

