

## To know + Try It.

$$\sqrt{1} = 1$$

$$\sqrt{4} = 2$$

$$\sqrt{9} = 3$$

$$\sqrt{16} = 4$$

$$\sqrt{25} = 5$$

$$\sqrt{36} = 6$$

$$\sqrt{49} = 7$$

$$\sqrt{64} = 8$$

$$\sqrt{81} = 9$$

$$\sqrt{100} = 10$$

$$\sqrt{121} = 11$$

$$\sqrt{144} = 12$$

$$\sqrt{169} = 13$$

$$\sqrt{196} = 14$$

$$\sqrt{225} = 15$$

$$\sqrt{256} = 16$$

$$\sqrt{289} = 17$$

$$\sqrt{324} = 18$$

$$\sqrt{361} = 19$$

$$\sqrt{400} = 20$$

## Try it

$$\textcircled{1} \sqrt{81} = \sqrt{9 \cdot 9} = 9$$

$$\textcircled{2} \sqrt{144} = \sqrt{12 \cdot 12} = 12$$

$$\textcircled{3} \sqrt{400} = \sqrt{20 \cdot 20} = 20$$

$$\textcircled{4} \sqrt{289} = \sqrt{17 \cdot 17} = 17$$

If you are not sure, you need to multiply  $\smile$

$$\begin{array}{r} 17 \\ \times 17 \\ \hline 119 \\ 170 \\ \hline 289 \end{array}$$

## Some Interesting ones!

$$-\sqrt{16} = -\sqrt{4 \cdot 4} = -4$$

$$-\sqrt{121} = -\sqrt{11 \cdot 11} = -11$$

$$\sqrt{\frac{16}{25}} = \sqrt{\frac{4 \cdot 4}{5 \cdot 5}} = 4/5$$

$$-\sqrt{\frac{144}{169}} = -\sqrt{\frac{12 \cdot 12}{13 \cdot 13}} = -12/13$$