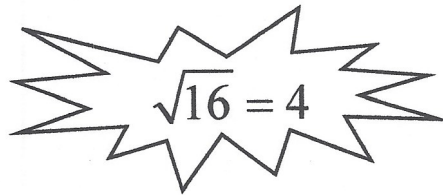


Square Roots

- Square roots are the _____ of perfect squares.
- A square root of a number is one of its two equal factors. (Remember factors??)
- $4 \cdot 4 = 16$, so 4 is the _____ of 16.


$$\sqrt{16} = 4$$

The symbol $\sqrt{\quad}$, called a _____, is used to show a number's square root.

Examples:

$$\sqrt{4} = 2 \text{ because } \underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\sqrt{9} = 3 \text{ because } \underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\sqrt{16} = 4 \text{ because } \underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\sqrt{25} = 5 \text{ because } \underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\sqrt{100} = 10 \text{ because } \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Find each square root. Think...what times itself gives you 81? ($? \cdot ? = 81$)

$\sqrt{81}$

$\sqrt{196}$

$\sqrt{49}$

$\sqrt{225}$

$\sqrt{121}$

$\sqrt{16}$

$\sqrt{4}$

$\sqrt{36}$

$\sqrt{64}$