

Lesson 8-1 -> Simplifying Perfect Squares

Remember that $5^2 = 25$

The inverse is that

$$\sqrt{25} = 5$$

it really could be

$$\sqrt{25} = 5 \text{ or } -5$$

But most people just say

$$\sqrt{25} = 5$$

$\sqrt{25}$ is a rational number

~~because~~ because it is equal to 5.

$\sqrt{25}$ is known as a Perfect Square

You should memorize ALL perfect squares from 1 to 100.

$$\sqrt{1} = 1$$

$$\sqrt{4} = 2$$

$$\sqrt{9} = 3$$

$$\sqrt{16} = 4$$

$$\sqrt{25} = 5$$

$$\sqrt{36} = 6$$

$$\sqrt{49} = 7$$

$$\sqrt{64} = 8$$

$$\sqrt{81} = 9$$

$$\sqrt{100} = 10$$