Name ANSWER KEY Date _____

Evaluating Square Roots

Evaluating the **square root** of a number is the opposite of squaring a number. Remember, squaring a number means multiplying a number times itself. Square roots are shown using the $\sqrt{\ }$ symbol.

Consider this example:

$\sqrt{9} = ?$ You know that $3^2 = 3 \times 3 = 9$. So, $\sqrt{9} = 3$.

Evaluate the square root of each perfect square.

$\sqrt{16} =$ 4	$\sqrt{4} =$ 2	$\sqrt{25} =$ 5
$\sqrt{1} =$ 1	$\sqrt{100} =$ 10	$\sqrt{36} =$ 6
$\sqrt{49} =$ 7	$\sqrt{64} =$ 8	$\sqrt{144} =$ 12
$\sqrt{81} =$ 9	$\sqrt{121} =$ 11	$\sqrt{225} =$ 15
$\sqrt{196} =$ 14	$\sqrt{400} =$ 20	$\sqrt{289} =$ 17
$\sqrt{169} =$ 13	$\sqrt{324} =$ 18	$\sqrt{900} =$ 30