Name _____ 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.

$\sqrt{16} =$ _____ $\sqrt{4} =$ _____ $\sqrt{25} =$ _____

$\sqrt{1} =$ _____ $\sqrt{100} =$ _____ $\sqrt{36} =$ _____

$\sqrt{49} =$ _____ $\sqrt{64} =$ _____ $\sqrt{144} =$ _____

$\sqrt{81} =$ _____ $\sqrt{121} =$ _____ $\sqrt{225} =$ _____

$\sqrt{196} =$ _____ $\sqrt{400} =$ _____ $\sqrt{289} =$ _____

$\sqrt{169} =$ _____ $\sqrt{324} =$ _____ $\sqrt{900} =$ _____