

Put your name on your packet

$3 \times 3 =$

$5 \times 5 =$

$-3 \times -3 =$

$-5 \times -5 =$

Squares and Square Roots

Essential Question: WHY does every square root have 2 answers?

Vocabulary

Square Root of a number is one of the two equal factors of that number.

Principal Square Root: the positive square root.

Perfect Square: a number whose square roots are integers.

Creating squares (notes activity)

Finding the square root

Think: "What number multiplied by itself is 81?"

ex 1 $\sqrt{81}$

ex 2

$$\sqrt{\frac{4}{9}}$$

Whiteboard Work

49

64

9

16

1

4

A square window has an area of 169 square inches. How wide is the window?



Summaries & Questions
