

## Squares and Square Roots (A)

Instructions: Find the square root or square of each integer.

$$\sqrt{256} = 16 \quad \sqrt{4} = 2 \quad \sqrt{169} = 13 \quad \sqrt{100} = 10$$

$$\sqrt{121} = 11 \quad \sqrt{196} = 14 \quad \sqrt{16} = 4 \quad \sqrt{64} = 8$$

$$\sqrt{1} = 1 \quad \sqrt{9} = 3 \quad \sqrt{49} = 7 \quad \sqrt{144} = 12$$

$$\sqrt{225} = 15 \quad \sqrt{81} = 9 \quad \sqrt{25} = 5 \quad \sqrt{36} = 6$$

$$11^2 = 121 \quad 13^2 = 169 \quad 14^2 = 196 \quad 10^2 = 100$$

$$12^2 = 144 \quad 1^2 = 1 \quad 15^2 = 225 \quad 6^2 = 36$$

$$9^2 = 81 \quad 3^2 = 9 \quad 4^2 = 16 \quad 16^2 = 256$$

$$8^2 = 64 \quad 7^2 = 49 \quad 5^2 = 25 \quad 2^2 = 4$$

# Estimating Square Roots

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Use your square root estimation skills and fill in the blanks.

$\sqrt{110}$  is between  and

$10 \times 10 = 100$

$11 \times 11 = 121$

$\sqrt{12}$  is between  and

$\sqrt{50}$  is between  and

*prf/ext*

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$\sqrt{666}$  is between  and

$\sqrt{190}$  is between  and

$\sqrt{170}$  is between  and

$\sqrt{6}$  is between  and

$\sqrt{200}$  is between  and

$\sqrt{90}$  is between  and

$\sqrt{48}$  is between  and

$\sqrt{255}$  is between  and

$\sqrt{290}$  is between  and

*prf/ext*

\*

$\sqrt{500}$  is between  and

$\sqrt{190}$  is between  and

$\sqrt{5}$  is between  and

$\sqrt{8}$  is between  and

*prf/ext*

\*

$\sqrt{650}$  is between  and

$\sqrt{160}$  is between  and

$\sqrt{20}$  is between  and

$\sqrt{65}$  is between  and