

Name _____ Date _____

Square and Square Roots – Revisited

Find the square root(s).

1) $\sqrt{121}$

2) $-\sqrt{\frac{1}{36}}$

3) $\pm\sqrt{\frac{289}{49}}$

4) $-\sqrt{0.64}$

Find the two square roots of the number.

5) 16

6) 169

Complete the statement with $<$, $>$, **or** $=$.

7) $\sqrt{64}$? 5

8) 0.6 ? $\sqrt{0.49}$

9) $\sqrt{\frac{49}{9}}$? 2

10) $\frac{2}{5}$? $\sqrt{\frac{12}{75}}$

Evaluate the expression. Show all work

11) $2\sqrt{25} + 3$

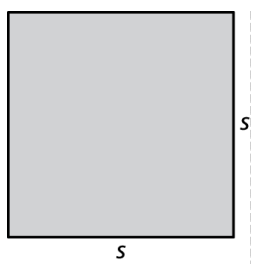
12) $7 - 12\sqrt{\frac{1}{9}}$

13) $15 - 4\sqrt{36}$

14) $10(\sqrt{81} - 12)$

15) Find the dimensions of the square.

Area = 196 in.^2

16) Two squares are drawn. The larger square has area of 400 square inches. The areas of the two squares have a ratio of 1 : 4. What is the side length s of the smaller square?

Estimate the square root to the nearest (a) integer and (b) tenth.

17) $\sqrt{33}$

18) $\sqrt{150}$

19) $\sqrt{5.8}$

20) $\sqrt{20.1}$