

**SQUARES AND
SQUARE ROOTS**

REVISITED

Roots Review

Perfect Roots that you should memorize

$$\sqrt{1}$$

$$\sqrt{49}$$

$$\sqrt{169}$$

$$\sqrt{4}$$

$$\sqrt{64}$$

$$\sqrt{196}$$

$$\sqrt{9}$$

$$\sqrt{81}$$

$$\sqrt{225}$$

$$\sqrt{16}$$

$$\sqrt{100}$$

$$\sqrt{256}$$

$$\sqrt{25}$$

$$\sqrt{121}$$

$$\sqrt{400}$$

$$\sqrt{36}$$

$$\sqrt{144}$$

$$\sqrt{625}$$

Find the square root(s).

1) $-\sqrt{4}$

2) $\sqrt{\frac{16}{25}}$

Evaluate the expression.

3) $3\sqrt{49} + 5$

4) $10 - 4\sqrt{16}$

Evaluate the expression.

$$5) \quad \frac{1}{4} + \sqrt{\frac{100}{4}}$$

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

6) $\sqrt{38}$

7) $\sqrt{115}$

Which number is greater? Explain.

8) $\sqrt{11}, 3\frac{3}{5}$