

Algebra Warm-ups:



Square Roots and Radicals



Name/Date _____

Square Roots and Radicals 1

Find the square roots.

a. $\sqrt{49}$ _____ b. $\pm\sqrt{0.81}$ _____

c. $-\sqrt{\frac{1}{16}}$ _____ d. $\sqrt{900}$ _____

Name/Date _____

Square Roots and Radicals 2

Find the square roots.

a. $\pm\sqrt{576}$ _____ b. $\sqrt{0.0025}$ _____

c. $-\sqrt{-(2-11)}$ _____ d. $-\sqrt{1.96}$ _____

Name/Date _____

Square Roots and Radicals 3

Simplify.

a. $\sqrt[4]{81}$ _____ b. $\sqrt[5]{32}$ _____

c. $\sqrt[3]{64}$ _____ d. $\sqrt[3]{-125}$ _____

Name/Date _____

Square Roots and Radicals 4

Simplify.

a. $\sqrt{72}$ _____ b. $\sqrt{108}$ _____

c. $\sqrt{44}$ _____ d. $\sqrt{90}$ _____

Name/Date _____

Square Roots and Radicals 5

Simplify.

a. $\sqrt{24}$ _____

b. $\sqrt{150}$ _____

c. $\sqrt{48}$ _____

d. $\sqrt{1,000}$ _____

