

Name : _____ Score : _____

Teacher : _____ Date : _____

Simplifying Radical Expressions

Simplify each Radical Expression. If necessary use absolute value signs.

1) $\sqrt{28d^5x}$

6) $\sqrt[3]{448q^2}$

2) $\sqrt[3]{250}$

7) $\sqrt{16w^2}$

3) $\sqrt[3]{64p^3}$

8) $\sqrt{16}$

4) $\sqrt{9}$

9) $\sqrt[3]{88c^6d^4}$

5) $\sqrt[3]{88h^6}$

10) $\sqrt{405c^7b^7}$

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Simplifying Radical Expressions

Simplify each Radical Expression. If necessary use absolute value signs.

$$1) \sqrt{28d^5x}$$
$$2d^2 \sqrt{7dx}$$

$$6) \sqrt[3]{448q^2}$$
$$4 \sqrt[3]{7q^2}$$

$$2) \sqrt[3]{250}$$
$$5 \sqrt[3]{2}$$

$$7) \sqrt{16w^2}$$
$$4w$$

$$3) \sqrt[3]{64p^3}$$
$$4p$$

$$8) \sqrt{16}$$
$$4$$

$$4) \sqrt{9}$$
$$3$$

$$9) \sqrt[3]{88c^6d^4}$$
$$2c^2d \sqrt[3]{11d}$$

$$5) \sqrt[3]{88h^6}$$
$$2h^2 \sqrt[3]{11}$$

$$10) \sqrt{405c^7b^7}$$
$$9c^3b^3 \sqrt{5cb}$$