

Name : _____ Score : _____

Teacher : _____ Date : _____

Simplifying Radical Expressions

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

1) $\sqrt[3]{135c^2}$

6) $\sqrt{343x^5q^5}$

2) $\sqrt[3]{64y^3}$

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

3) $\sqrt{48}$

8) $\sqrt{539w^5n^5}$

4) $\sqrt[3]{128c^5}$

9) $\sqrt{81}$

5) $\sqrt[3]{16x^2}$

10) $\sqrt{49h^2}$



Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Radical Expressions

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

$$1) \sqrt[3]{135c^2}$$
$$3 \sqrt[3]{5c^2}$$

$$6) \sqrt{343x^5q^5}$$
$$7x^2q^2 \sqrt{7xq}$$

$$2) \sqrt[3]{64y^3}$$
$$4y$$

$$7) \sqrt[3]{250}$$
$$5 \sqrt[3]{2}$$

$$3) \sqrt{48}$$
$$4 \sqrt{3}$$

$$8) \sqrt{539w^5n^5}$$
$$7w^2n^2 \sqrt{11wn}$$

$$4) \sqrt[3]{128c^5}$$
$$4c \sqrt[3]{2c^2}$$

$$9) \sqrt{81}$$
$$9$$

$$5) \sqrt[3]{16x^2}$$
$$2 \sqrt[3]{2x^2}$$

$$10) \sqrt{49h^2}$$
$$7h$$

