

Name : _____ Score : _____

Teacher : _____ Date : _____

Simplifying Radical Expressions

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

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

6) $\sqrt{36q^2}$

2) $\sqrt{36}$

7) $\sqrt{4c^2}$

3) $\sqrt[3]{54}$

8) $\sqrt[3]{81n^4}$

4) $\sqrt{704q^5h}$

9) $\sqrt[3]{64}$

5) $\sqrt{320w}$

10) $\sqrt{80}$



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Simplifying Radical Expressions

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

$$1) \sqrt[3]{16h^5x^2}$$
$$2h \sqrt[3]{2h^2x^2}$$

$$6) \sqrt{36q^2}$$
$$6q$$

$$2) \sqrt{36}$$
$$6$$

$$7) \sqrt{4c^2}$$
$$2c$$

$$3) \sqrt[3]{54}$$
$$3 \sqrt[3]{2}$$

$$8) \sqrt[3]{81n^4}$$
$$3n \sqrt[3]{3n}$$

$$4) \sqrt{704q^5h}$$
$$8q^2 \sqrt{11qh}$$

$$9) \sqrt[3]{64}$$
$$4$$

$$5) \sqrt{320w}$$
$$8 \sqrt{5w}$$

$$10) \sqrt{80}$$
$$4 \sqrt{5}$$

