

Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Radical Expressions

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

1) $\sqrt{8}$

6) $\sqrt{125c}$

2) $\sqrt[4]{81}$

7) $\sqrt[5]{2673x^7}$

3) $\sqrt{36}$

8) $\sqrt{25d^2}$

4) $\sqrt[5]{352p^4}$

9) $\sqrt[4]{32t^7g^9}$

5) $\sqrt[5]{1215p^8d^7}$

10) $\sqrt[4]{80t^7d^3}$



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Simplifying Radical Expressions

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

$$1) \sqrt{8}$$
$$2 \sqrt{2}$$

$$6) \sqrt{125c}$$
$$5 \sqrt{5c}$$

$$2) \sqrt[4]{81}$$
$$3$$

$$7) \sqrt[5]{2673x^7}$$
$$3x \sqrt[5]{11x^2}$$

$$3) \sqrt{36}$$
$$6$$

$$8) \sqrt{25d^2}$$
$$5d$$

$$4) \sqrt[5]{352p^4}$$
$$2 \sqrt[5]{11p^4}$$

$$9) \sqrt[4]{32t^7g^9}$$
$$2tg^2 \sqrt[4]{2t^3g}$$

$$5) \sqrt[5]{1215p^8d^7}$$
$$3pd \sqrt[5]{5p^3d^2}$$

$$10) \sqrt[4]{80t^7d^3}$$
$$2t \sqrt[4]{5t^3d^3}$$

