

Name : _____ Score : _____

Teacher : _____ Date : _____

Simplifying Radical Expressions

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

1) $\sqrt{72d}$

6) $\sqrt{539q^5d^7}$

2) $\sqrt{16}$

7) $\sqrt{44d^5k}$

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

8) $\sqrt{18}$

4) $\sqrt{8d^5}$

9) $\sqrt{81}$

5) $\sqrt{176}$

10) $\sqrt{27z^5k^5}$



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Simplifying Radical Expressions

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

$$1) \sqrt{72d}$$
$$6 \sqrt{2d}$$

$$6) \sqrt{539q^5d^7}$$
$$7q^2d^3 \sqrt{11qd}$$

$$2) \sqrt{16}$$
$$4$$

$$7) \sqrt{44d^5k}$$
$$2d^2 \sqrt{11dk}$$

$$3) \sqrt{4c^2}$$
$$2c$$

$$8) \sqrt{18}$$
$$3 \sqrt{2}$$

$$4) \sqrt{8d^5}$$
$$2d^2 \sqrt{2d}$$

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

$$5) \sqrt{176}$$
$$4 \sqrt{11}$$

$$10) \sqrt{27z^5k^5}$$
$$3z^2k^2 \sqrt{3zk}$$

