

Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Radical Expressions

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

1) $\sqrt{49q^2}$

6) $\sqrt{180p}$

2) $\sqrt{27y^5}$

7) $\sqrt{125}$

3) $\sqrt{80b^7}$

8) $\sqrt{162h^5y}$

4) $\sqrt{252y^3q^3}$

9) $\sqrt{44}$

5) $\sqrt{25}$

10) $\sqrt{25}$



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

$$1) \sqrt{49q^2}$$
$$7q$$

$$6) \sqrt{180p}$$
$$6\sqrt{5p}$$

$$2) \sqrt{27y^5}$$
$$3y^2\sqrt{3y}$$

$$7) \sqrt{125}$$
$$5\sqrt{5}$$

$$3) \sqrt{80b^7}$$
$$4b^3\sqrt{5b}$$

$$8) \sqrt{162h^5y}$$
$$9h^2\sqrt{2hy}$$

$$4) \sqrt{252y^3q^3}$$
$$6yq\sqrt{7yq}$$

$$9) \sqrt{44}$$
$$2\sqrt{11}$$

$$5) \sqrt{25}$$
$$5$$

$$10) \sqrt{25}$$
$$5$$

