

Name : _____ Score : _____

Teacher : _____ Date : _____

Multiplying Radical Expressions

Simplify the Radical Expressions.

1) $-\sqrt{48} \cdot \sqrt{44}$

6) $-\sqrt{48} \cdot \sqrt{18}$

2) $\sqrt{27c} \cdot -\sqrt{32c}$

7) $-7\sqrt{99n} \cdot 3\sqrt{8n}$

3) $6\sqrt{8d} \cdot -6\sqrt{27d}$

8) $-2\sqrt{48p} \cdot -4\sqrt{99p}$

4) $-\sqrt{28g} \cdot \sqrt{176g}$

9) $-\sqrt{44} \cdot \sqrt{80}$

5) $5\sqrt{8h} \cdot -4\sqrt{63h}$

10) $-4\sqrt{112} \cdot \sqrt{27}$



Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Radical Expressions

Simplify the Radical Expressions.

1) $-\sqrt{48} \cdot \sqrt{44}$

$$-8\sqrt{33}$$

6) $-\sqrt{48} \cdot \sqrt{18}$

$$-12\sqrt{6}$$

2) $\sqrt{27c} \cdot -\sqrt{32c}$

$$-12c\sqrt{6}$$

7) $-7\sqrt{99n} \cdot 3\sqrt{8n}$

$$-126n\sqrt{22}$$

3) $6\sqrt{8d} \cdot -6\sqrt{27d}$

$$-216d\sqrt{6}$$

8) $-2\sqrt{48p} \cdot -4\sqrt{99p}$

$$96p\sqrt{33}$$

4) $-\sqrt{28g} \cdot \sqrt{176g}$

$$-8g\sqrt{77}$$

9) $-\sqrt{44} \cdot \sqrt{80}$

$$-8\sqrt{55}$$

5) $5\sqrt{8h} \cdot -4\sqrt{63h}$

$$-120h\sqrt{14}$$

10) $-4\sqrt{112} \cdot \sqrt{27}$

$$-48\sqrt{21}$$

