

Name : _____

Score : _____

Teacher : _____

Date : _____

Dividing Radical Expressions

Simplify the Radical Expressions.

$$1) \frac{7\sqrt{2b^2x^2}}{7\sqrt{3b^3x^2}}$$

$$5) \frac{1 + \sqrt{11h}}{\sqrt{2h}}$$

$$2) \frac{1 - \sqrt{11c}}{\sqrt{7c}}$$

$$6) \frac{\sqrt{7k^3n^3}}{\sqrt{5k^4n^3}}$$

$$3) \frac{1 + \sqrt{7d}}{\sqrt{3d}}$$

$$7) \frac{6\sqrt{2n^2k^2}}{5\sqrt{5n^3k^2}}$$

$$4) \frac{7\sqrt{2g^2q^2}}{2\sqrt{7g^3q^2}}$$

$$8) \frac{2 + 4\sqrt{2p}}{7\sqrt{5p}}$$



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Dividing Radical Expressions

Simplify the Radical Expressions.

1)
$$\frac{7\sqrt{2b^2x^2}}{7\sqrt{3b^3x^2}}$$

$$\frac{\sqrt{6b}}{3b}$$

2)
$$\frac{1 - \sqrt{11c}}{\sqrt{7c}}$$

$$\frac{\sqrt{7c} - c\sqrt{77}}{7c}$$

3)
$$\frac{1 + \sqrt{7d}}{\sqrt{3d}}$$

$$\frac{\sqrt{3d} + d\sqrt{21}}{3d}$$

4)
$$\frac{7\sqrt{2g^2q^2}}{2\sqrt{7g^3q^2}}$$

$$\frac{\sqrt{14g}}{2g}$$

5)
$$\frac{1 + \sqrt{11h}}{\sqrt{2h}}$$

$$\frac{\sqrt{2h} + h\sqrt{22}}{2h}$$

6)
$$\frac{\sqrt{7k^3n^3}}{\sqrt{5k^4n^3}}$$

$$\frac{\sqrt{35k}}{5k}$$

7)
$$\frac{6\sqrt{2n^2k^2}}{5\sqrt{5n^3k^2}}$$

$$\frac{6\sqrt{10n}}{25n}$$

8)
$$\frac{2 + 4\sqrt{2p}}{7\sqrt{5p}}$$

$$\frac{2\sqrt{5p} + 4p\sqrt{10}}{35p}$$

