

Name : _____

Score : _____

Teacher : _____

Date : _____

Dividing Radical Expressions

Simplify the Radical Expressions.

$$1) \frac{1 - \sqrt{7b}}{\sqrt{5b}}$$

$$5) \frac{4\sqrt{22h^2}}{7\sqrt{99h}}$$

$$2) \frac{4}{2 - 2\sqrt{5}}$$

$$6) \frac{\sqrt{10}}{\sqrt{8}}$$

$$3) \frac{1 + \sqrt{7}}{1 + \sqrt{11}}$$

$$7) \frac{5\sqrt{2}}{4\sqrt{7}}$$

$$4) \frac{1 - \sqrt{7}}{1 + \sqrt{5}}$$

$$8) \frac{\sqrt{3p^3h^3}}{\sqrt{7p^4h^3}}$$



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Dividing Radical Expressions

Simplify the Radical Expressions.

$$1) \frac{1 - \sqrt{7b}}{\sqrt{5b}}$$

$$\frac{\sqrt{5b} - b\sqrt{35}}{5b}$$

$$2) \frac{4}{2 - 2\sqrt{5}}$$

$$\frac{1 + \sqrt{5}}{-2}$$

$$3) \frac{1 + \sqrt{7}}{1 + \sqrt{11}}$$

$$\frac{1 - \sqrt{11} + \sqrt{7} - \sqrt{77}}{-10}$$

$$4) \frac{1 - \sqrt{7}}{1 + \sqrt{5}}$$

$$\frac{1 - \sqrt{5} - \sqrt{7} + \sqrt{35}}{-4}$$

$$5) \frac{4\sqrt{22h^2}}{7\sqrt{99h}}$$

$$\frac{4\sqrt{2h}}{21}$$

$$6) \frac{\sqrt{10}}{\sqrt{8}}$$

$$\frac{\sqrt{5}}{2}$$

$$7) \frac{5\sqrt{2}}{4\sqrt{7}}$$

$$\frac{5\sqrt{14}}{28}$$

$$8) \frac{\sqrt{3p^3h^3}}{\sqrt{7p^4h^3}}$$

$$\frac{\sqrt{21p}}{7p}$$

