

Name : _____

Score : _____

Teacher : _____

Date : _____

Dividing Rational Expressions

Simplify each expression.

1) $\frac{8z}{12} \div \frac{3}{7}$

6) $\frac{8c^2}{4} \div \frac{10c}{9}$

2) $\frac{8d^2}{6} \div \frac{4d}{10}$

7) $\frac{6y^2}{5} \div \frac{9y}{8}$

3) $\frac{10h}{12} \div \frac{11}{2}$

8) $\frac{10k^2}{5} \div \frac{2k}{12}$

4) $\frac{2b^2}{7} \div \frac{11b}{10}$

9) $\frac{3g}{5} \div \frac{2}{4}$

5) $\frac{5r^2}{2} \div \frac{11r}{10}$

10) $\frac{7q}{5} \div \frac{2}{3}$



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Dividing Rational Expressions

Simplify each expression.

1) $\frac{8z}{12} \div \frac{3}{7}$

$$\frac{14z}{9}$$

6) $\frac{8c^2}{4} \div \frac{10c}{9}$

$$\frac{9c}{5}$$

2) $\frac{8d^2}{6} \div \frac{4d}{10}$

$$\frac{10d}{3}$$

7) $\frac{6y^2}{5} \div \frac{9y}{8}$

$$\frac{16y}{15}$$

3) $\frac{10h}{12} \div \frac{11}{2}$

$$\frac{5h}{33}$$

8) $\frac{10k^2}{5} \div \frac{2k}{12}$

$$12k$$

4) $\frac{2b^2}{7} \div \frac{11b}{10}$

$$\frac{20b}{77}$$

9) $\frac{3g}{5} \div \frac{2}{4}$

$$\frac{6g}{5}$$

5) $\frac{5r^2}{2} \div \frac{11r}{10}$

$$\frac{25r}{11}$$

10) $\frac{7q}{5} \div \frac{2}{3}$

$$\frac{21q}{10}$$

