

Name : _____ Score : _____

Teacher : _____ Date : _____

Dividing Rational Expressions

Simplify each expression.

1) $\frac{7q}{q+11} \div \frac{7q}{8q+88}$

6) $\frac{7y}{4} \div \frac{6}{10}$

2) $\frac{7s^2}{6} \div \frac{8s}{2}$

7) $\frac{9n^2}{10} \div \frac{6n}{11}$

3) $\frac{b^2+18b+72}{b^2+13b+42} \div \frac{1}{b+7}$

8) $\frac{5p}{p+7} \div \frac{5p}{3p+21}$

4) $\frac{c+9}{c+13c+36} \div \frac{10c}{c+3}$

9) $\frac{10g}{11} \div \frac{6}{8}$

5) $\frac{12r^2}{11} \div \frac{3r}{4}$

10) $\frac{77d^2 - 43d - 72}{14d^2 - 46d + 36} \div \frac{d^2}{12d^2 d - 48}$

