Name _____   Date _____

Multiplying and Dividing Rational Expressions - Independent Practice Worksheet

Complete all the problems.

1. Multiply and simplify your answer.

$$\frac{3m + 3}{4m + 5} \times (2m - 5)$$

2. Divide. Write your answer in simplest form.

$$\frac{4g + 5}{7g - 6} \div (5g + 4)$$

3. Divide. Write your answer in simplest form.

$$\frac{4e - 7}{6e + 6} \div (4e - 7)$$

4. Multiply and simplify your answer.

$$\frac{2s + 5}{6s + 8} \times (4s - 6)$$

5. Multiply. Simplify your answer.

$$\frac{7w - 6}{5w - 4} \times (9w + 4)$$

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6. Divide. Write your answer in simplest form.

$\dfrac{6h + 8}{4h - 5} \div (4h + 3)$

7. Multiply. Simplify your answer.

$\dfrac{4d - 7}{5d + 5} \times (3d - 8)$

8. Multiply. Simplify your answer.

$\dfrac{7j + 4}{2j - 6} \times (2j + 3)$

9. Multiply. Simplify your answer.

$\dfrac{2f - 3}{4f + 6} \times (3f - 3)$

10. Divide. Write your answer in simplest form.

$\dfrac{6r + 5}{3r - 3} \div (4r + 4)$