

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Rational Expressions

Simplify each expression.

1) $\frac{12}{9} \cdot \frac{8}{7c}$

6) $\frac{8}{3} \cdot \frac{2}{6y}$

2) $\frac{3}{4} \cdot \frac{5}{7}$

7) $\frac{6}{3} \cdot \frac{10}{9}$

3) $\frac{7}{2} \cdot \frac{12}{9}$

8) $\frac{4}{11} \cdot \frac{10}{7x}$

4) $\frac{12}{5} \cdot \frac{11}{4z}$

9) $\frac{9}{8} \cdot \frac{3}{12k}$

5) $\frac{7}{11} \cdot \frac{10}{6d}$

10) $\frac{9}{7} \cdot \frac{10}{8h}$



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Multiplying Rational Expressions

Simplify each expression.

1) $\frac{12}{9} \cdot \frac{8}{7c}$

$\frac{32}{21c}$

6) $\frac{8}{3} \cdot \frac{2}{6y}$

$\frac{8}{9y}$

2) $\frac{3}{4} \cdot \frac{5}{7}$

$\frac{15}{28}$

7) $\frac{6}{3} \cdot \frac{10}{9}$

$\frac{20}{9}$

3) $\frac{7}{2} \cdot \frac{12}{9}$

$\frac{14}{3}$

8) $\frac{4}{11} \cdot \frac{10}{7x}$

$\frac{40}{77x}$

4) $\frac{12}{5} \cdot \frac{11}{4z}$

$\frac{33}{5z}$

9) $\frac{9}{8} \cdot \frac{3}{12k}$

$\frac{9}{32k}$

5) $\frac{7}{11} \cdot \frac{10}{6d}$

$\frac{35}{33d}$

10) $\frac{9}{7} \cdot \frac{10}{8h}$

$\frac{45}{28h}$

