

Name : _____

Simplifying Expressions

ES5

Simplify each expression.

1) $\frac{m}{2} \times \frac{8}{n}$

2) $\frac{8p}{5} \div \frac{2p}{10q}$

3) $\frac{(c-5)(c+5)}{9(c+5)}$

5) $\frac{p+5}{p-5} \times \frac{5p^2}{p}$

7) $\frac{1}{y-4} \div \frac{3x}{4y-16}$

8) $\frac{7a}{6b} \times \frac{2b^2}{a^2}$

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Name : _____

Answer key

ES5

Simplifying Expressions

Simplify each expression.

1) $\frac{m}{2} \times \frac{8}{n}$

$\frac{4m}{n}$

2) $\frac{8p}{5} \div \frac{2p}{10q}$

$8q$

3) $\frac{(c-5)(c+5)}{9(c+5)}$

$\frac{5}{9c}$

5) $\frac{p+5}{p-5} \times \frac{5p^2}{p}$

$5p$

7) $\frac{1}{y-4} \div \frac{3x}{4y-16}$

$\frac{4}{3x}$

8) $\frac{7a}{6b} \times \frac{2b^2}{a^2}$

$\frac{7b}{3a}$

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