

Name : _____

Factorize & Simplify

ES3

Factorize each expression and reduce to its lowest term.

1) $\frac{3a - 15}{3}$

2) $\frac{6s + 24}{6}$

3) $\frac{3x + 12}{x + 4}$

5) $\frac{13}{13q - 26}$

7) $\frac{(d + 6)(d - 8)}{8d + 48}$

8) $\frac{5y - 25}{15(y - 5)(y + 6)}$

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Name : _____

Answer key

Factorize & Simplify

ES3

Factorize each expression and reduce to its lowest term.

1) $\frac{3a - 15}{3}$

$a - 5$

2) $\frac{6s + 24}{6}$

$s + 4$

3) $\frac{3x + 12}{x + 4}$

3

5) $\frac{13}{13q - 26}$

$\frac{1}{q - 2}$

7) $\frac{(d + 6)(d - 8)}{8d + 48}$

$\frac{d - 8}{8}$

8) $\frac{5y - 25}{15(y - 5)(y + 6)}$

$\frac{1}{3y + 18}$

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