

Name : \_\_\_\_\_

## Factorize & Simplify

ES2

Factorize each expression and reduce to its lowest term.

1)  $\frac{5t - 30}{(t - 6)(t + 7)}$

2)  $\frac{4u + 12}{u + 3}$

3)  $\frac{2m - 14}{2}$

5)  $\frac{18a^5 - 3a^3}{6a^4 - a^2}$

7)  $\frac{v^6 + 2v}{8v^6 + 16v}$

8)  $\frac{11x^2 - 77x}{(x - 7)(x - 8)}$

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