

Name : _____

Factors: Algebraic Identity

ES3

Factorize each expression using algebraic identity.

1) $a^2 + ac + ab + bc$

2) $\frac{1}{k^2} - \frac{9}{k} + 14$

3) $v^2 - 6v - 7$

5) $\frac{1}{q^2} + \frac{8}{q} - 20$

7) $m^2 - 8mn - 9n^2$

9) $d^2 + 4d + 3$

10) $s^2t^2 + 2st - 15$

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