

Name : _____

Factors: Algebraic Identities

ES3

Factorize each expression using algebraic identities.

1) $t^2 - 8t + 15$

2) $q^2 + \frac{2q}{p} + \frac{1}{p^2}$

3) $49 - \frac{1}{v^2}$

5) $m^2 - 2mn + n^2$

7) $g^2 - 9$

9) $\frac{1}{z^2} + \frac{8}{z} + 12$

10) $x^2 + 6x - 27$

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