

Name : _____

Factors: Algebraic Identities

ES3

Factorize each expression using algebraic identities.

1) $\frac{1}{h^2} + 9 + \frac{6}{h}$

2) $m^2n^2 - 20mn + 100$

3) $\frac{1}{a^2} - \frac{2b}{a} + b^2$

5) $c^2 + 2c + 1$

7) $w^2 - 2wx + x^2$

9) $g^2h^2 + 4gh + 4$

10) $d^2 - 16d + 64$

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