

Name : _____

Expand: Algebraic Identities

ES3

Expand each expression using algebraic identities.

1) $\left(r - \frac{7}{s}\right)^2$

2) $(g - h - 5)^2$

3) $(3 - 4k)(3 + 4k)$

5) $(c^4 + d^2)(c^4 + d^2) + 9$

7) $(z^3 - 4)^2$

9) $(8 - s)(8 + s)$

10) $\left(-x + \frac{6}{x} - y\right)^2$

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