

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

## Expand: Algebraic Identities

ES2

Expand each expression using algebraic identities.

1)  $\left(p + \frac{1}{q}\right)\left(2p + \frac{1}{q}\right)$

2)  $(k^2 + 6)(k^2 - 6)$

3)  $(m - 5)^2$

5)  $(u - 3v + 9)$

7)  $\left(8s + \frac{1}{t}\right)\left(8s\right)$

9)  $(3a - b)^2$

10)  $(r - 7)(r - 1)$

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