

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

## Algebraic Identity

ES2

Expand each expression using algebraic identity.

$$1) \quad (a - b^2 + 2c)^2$$

$$2) \quad (5m^3 + n + 2)^2$$

$$3) \quad (w - 9x - y)^2$$

$$5) \quad (r + 2st - 5)^2$$

$$7) \quad \left(k^2 + \frac{3}{k} + 7\right)^2$$

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$$9) \quad (-q^2 - r^2 + s^2)^2$$

$$10) \quad \left(-\frac{1}{c} + d + 3\right)^2$$