

Name : _____

Algebraic Identity

MS2

Expand each expression using algebraic identity.

$$1) \quad (-m + 6n + 9)^2$$

$$2) \quad \left(-\frac{a}{3} - 4b - c\right)^2$$

$$3) \quad \left(-\frac{s^2}{t} + \frac{3}{2} - 1.7t\right)^2$$

$$5) \quad \left(7g - g^3 - \frac{4}{h}\right)^2$$

$$7) \quad (2p + q + 2.6r)^2$$

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$$9) \quad (0.2w^2 - 0.5w - 0.6)^2$$

$$10) \quad (-3d^2 - c + cd)^2$$