Name : _____

Algebraic Identity

Expand each expression using algebraic identity.

1) $\left(-2x + \dfrac{y}{2} - \dfrac{1}{z}\right)^2$

2) $\left(-\dfrac{k^4}{3} - k + 2.4\right)^2$

3) $\left(-\dfrac{p}{q} - q^2 - 3r\right)^2$

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5) $(3.4 + 1.8r + 5s)^2$

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

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9) $\left(0.2u - v + \dfrac{u}{v}\right)^2$

10) $(-0.4ab - 5c + 2)^2$