

Name : _____

Algebraic Identity

MS1

Expand each expression using algebraic identity.

1) $\left(\frac{t}{3} - \frac{5}{u} + u^2\right)^2$

2) $(q + 3r - 1.5s)^2$

3) $(a^2 + 1.2a + 0.3)^2$

5) $\left(-\frac{u}{v} - \frac{v}{3} - 2\right)^2$

7) $\left(b + 3c + \frac{3}{d}\right)^2$

9) $(-2.1y - 4z + 5)^2$

10) $\left(mn - \frac{m}{4} - \frac{7}{3}\right)^2$

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