

Expand: Algebraic Identities

Expand each expression using algebraic identities.

1) $(x + 9)^2$

2) $\left(y + \frac{3}{z}\right)\left(y + \frac{5}{z}\right)$

3) $(r + s + t)^2$

5) $(cd + 6)(cd - 6)$

7) $(p + 4)(p - 4)$

9) $\left(\frac{1}{n} + n - 8\right)^2$

10) $(g^4 - h^3)^2$

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