

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

## Algebraic Identities

ES1

Expand each expression using algebraic identities.

1)  $(5d - 6)^2$

2)  $(u^2v - 9)^2$

3)  $(a - bc)^2$

4)  $(1 + 2n)^2$

5)  $(7 - k^4)^2$

6)  $(4x + y)^2$

7)  $(g^2 + h^2)^2$

8)  $\left(\frac{3}{t} + t\right)^2$

9)  $\left(s - \frac{1}{s}\right)^2$

10)  $(qr + 8)^2$