Name : _____

Expand: Algebraic Identities

Expand each expression using algebraic identities.

1) $\left(\dfrac{s}{7} + \dfrac{t}{3}\right)^2$

2) $\left(a + \dfrac{6}{5}\right)\left(a - \dfrac{1}{6}\right)$

3) $(1.2 + k)\,(1.$

5) $(u^2 + v)\,(u^2$

7) $\left(r + \dfrac{s}{8}\right)\left(r - \right.$

9) $\left(\dfrac{a}{2} - b + 5c\right)^2$

10) $\left(x - \dfrac{6}{y}\right)^2$