

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

## Expand: Algebraic Identities

MS1

Expand each expression using algebraic identities.

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

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

3)  $(1.2 + k)(1.2 - k)$

5)  $(u^2 + v)(u^2 - v)$

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

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

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

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)