

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

## Algebraic Identity

MS1

Expand each expression using algebraic identity.

1)  $\left(gh + \frac{3}{5}\right)\left(gh - \frac{3}{5}\right)$

2)  $(2 + 1.9n)(2 - 1.9n)$

3)  $\left(t^4 + \frac{9}{2}\right)\left(t^4 - \frac{9}{2}\right)$

5)  $(5a + 0.9b)\left(5a - \frac{2}{5}b\right)$

7)  $\left(\frac{4}{u} + 0.2u\right)\left(\frac{4}{u} - 5cd - 1\right)$

9)  $(3.1 + 2.4x)(3.1 - 2.4x)$

10)  $\left(\frac{v}{3} + w\right)\left(\frac{v}{3} - w\right)$

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