Name : _____

Algebraic Identity

Expand each expression using algebraic identity.

1) $(3.4a + b)(3.4a - b)$

2) $\left(\dfrac{6}{5} + 2.3v\right)\left(\dfrac{6}{5} - 2.3v\right)$

3) $\left(\dfrac{c}{4} + 1\right)\left(\dfrac{c}{4} - \right.$) $n^3 - n^2$)

5) $\left(0.5t + \dfrac{2}{u}\right)\left(0\right.$ 1.8)

7) $(4 + 2.2n)(4$

9) $\left(gh + \dfrac{1}{9}\right)\left(gh - \dfrac{1}{9}\right)$

10) $(2.7x + 4.2y)(2.7x - 4.2y)$

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