

Name : _____

Algebraic Identity

MS1

Expand each expression using algebraic identity.

1) $(ab + 4.2)(ab + 8)$

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

3) $(gh - 4)\left(gh + \frac{4u}{3}\right)$

5) $(2.4q + 3.1p)(2.4q - 3.1p)$

7) $(0.9m + 1)(0.9m - 1)$

9) $\left(\frac{c}{3} + \frac{6}{5}\right)\left(\frac{c}{3} + \frac{3}{5}\right)$

10) $\left(k + \frac{4}{k}\right)\left(k - \frac{2}{k}\right)$

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