

Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Hr: \_\_\_\_\_

**AG 1 – Distributive Property  
NOTES**

***Examples:***

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Distribute the term into the parenthesis:

1.  $2(x + 4)$

2.  $-3(-6 + 3x)$

3.  $\frac{2}{3}(x + 6)$

***Practice:***

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Distribute:

4.  $4(2 - x)$

5.  $-5(2x - 4)$

6.  $\frac{1}{4}(2 + x)$

***More Examples:***

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Solve the following:

7.  $2(x + 3) = 10$

8.  $-3(y + 6) = -24$

9.  $2.5(4 + m) = -20$

***More Practice:***

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10.  $-15 = -2(6 - b)$

11.  $18 = 2(4x - 16)$

12.  $-36 = 3(-6 + 3p)$