



# Math on the Fly!

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

## Distributive Property

Use the distributive property to expand each expression.

1.  $5(m + 6)$

2.  $-2(x + 4)$

3.  $3(a - 7)$

4.  $-7(y - 1)$

5.  $4(k - 5)$

6.  $-(9w + 8)$

7.  $\frac{2}{3}(c + 9)$

8.  $-3(5b - 2)$

9.  $8(2e + 1)$

10.  $-(7 - 6p)$

11.  $2(4 + 3u)$

12.  $\frac{1}{2}(18a + 6)$

13.  $0.75(a - 40)$

14.  $-0.4(2 - 5x)$

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## SOLUTIONS

1.  $5(m + 6) = 5m + 30$

3.  $3(a - 7) = 3a - 21$

5.  $4(k - 5) = 4k - 20$

7.  $\frac{2}{3}(c + 9) = \frac{2}{3}c + 6$

9.  $8(2e + 1) = 16e + 8$

11.  $2(4 + 3u) = 8 + 6u$

13.  $0.75(a - 40) = 0.75a - 30$

2.  $-2(x + 4) = -2x - 8$

4.  $-7(y - 1) = -7y + 7$

6.  $-(9w + 8) = -9w - 8$

8.  $-3(5b - 2) = -15b + 6$

10.  $-(7 - 6p) = -7 + 6p$

12.  $\frac{1}{2}(18a + 6) = 9a + 3$

14.  $-0.4(2 - 5x) = -0.8 + 2x$