Name:

Date:

The Distributive Property

Use the distributive property to simplify each expression.

1) $3(8x + 6) =$

2) $-6(8k + 9) =$

3) $-3(7m + 2) =$

4) $(-2)(2x + 1) - (2 + 3x) =$

5) $(-1)(7 + 6x) =$

6) $(-7)(8x + 1) =$

7) $(-5)(2x - 1) + 4(x + 3) =$

8) $(1 - 9x)(-8) =$

9) $(-12)(6x + 1) =$

10) $(-5)(8x - 6) =$

11) $(-10)(2x + 20) =$

12) $(-12)(x - 1) =$

13) $5(2x + 14) =$

14) $(-5)(8x + 1) + 4(x + 2) =$

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QUIZ ?

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The Distributive Property

Name:

Date:

Answers

Use the distributive property to simplify each expression.

1) $3(8x + 6) = 24x + 18$

2) $-6(8k + 9) = -48k - 54$

3) $-3(7m + 2) = -21m - 6$

4) $(-2)(2x + 1) - (2 + 3x) = -7x - 4$

5) $(-1)(7 + 6x) = -7 - 6x$

6) $(-7)(8x + 1) = -56x - 7$

7) $(-5)(2x - 1) + 4(x + 3) = -6x + 17$

8) $(1 - 9x)(-8) = 72x - 8$

9) $(-12)(6x + 1) = -72x - 12$

10) $(-5)(8x - 6) = -40x + 30$

11) $(-10)(2x + 20) = -20x - 200$

12) $(-12)(x - 1) = -12x + 12$

13) $5(2x + 14) = 10x + 70$

14) $(-5)(8x + 1) + 4(x + 2) - 36x + 3$

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