

Using the Distributive Property

Simplify each expression.

1) $-6(a + 8)$

2) $4(1 + 9x)$

3) $6(-5n + 7)$

4) $(9m + 10) \cdot 2$

5) $(-4 - 3n) \cdot -8$

6) $8(-b - 4)$

7) $(1 - 7n) \cdot 5$

8) $-6(x + 4)$

9) $5(3m - 6)$

10) $(-6p + 7) \cdot -4$

11) $5(b - 1)$

12) $(x + 9) \cdot 5$

$$13) -4(-8x - 8)$$

$$14) -6(7 + x)$$

$$15) -3(x - 5)$$

$$16) -5(10x + 1)$$

$$17) (1 + 2v) \cdot 5$$

$$18) -8(1 - 5x)$$

$$19) -7(5k - 4)$$

$$20) -5(7a - 6)$$

$$21) 5(n + 6)$$

$$22) 4(3r - 8)$$

$$23) 3(5 + 5x)$$

$$24) (1 + 9x) \cdot -10$$

Using the Distributive Property

Simplify each expression.

1) $-6(a + 8)$

$$\textcolor{red}{-6a - 48}$$

2) $4(1 + 9x)$

$$\textcolor{red}{4 + 36x}$$

3) $6(-5n + 7)$

$$\textcolor{red}{-30n + 42}$$

4) $(9m + 10) \cdot 2$

$$\textcolor{red}{18m + 20}$$

5) $(-4 - 3n) \cdot -8$

$$\textcolor{red}{32 + 24n}$$

6) $8(-b - 4)$

$$\textcolor{red}{-8b - 32}$$

7) $(1 - 7n) \cdot 5$

$$\textcolor{red}{5 - 35n}$$

8) $-6(x + 4)$

$$\textcolor{red}{-6x - 24}$$

9) $5(3m - 6)$

$$\textcolor{red}{15m - 30}$$

10) $(-6p + 7) \cdot -4$

$$\textcolor{red}{24p - 28}$$

11) $5(b - 1)$

$$\textcolor{red}{5b - 5}$$

12) $(x + 9) \cdot 5$

$$\textcolor{red}{5x + 45}$$

$$13) -4(-8x - 8)$$

$$\textcolor{red}{32x + 32}$$

$$14) -6(7 + x)$$

$$\textcolor{red}{-42 - 6x}$$

$$15) -3(x - 5)$$

$$\textcolor{red}{-3x + 15}$$

$$16) -5(10x + 1)$$

$$\textcolor{red}{-50x - 5}$$

$$17) (1 + 2v) \cdot 5$$

$$\textcolor{red}{5 + 10v}$$

$$18) -8(1 - 5x)$$

$$\textcolor{red}{-8 + 40x}$$

$$19) -7(5k - 4)$$

$$\textcolor{red}{-35k + 28}$$

$$20) -5(7a - 6)$$

$$\textcolor{red}{-35a + 30}$$

$$21) 5(n + 6)$$

$$\textcolor{red}{5n + 30}$$

$$22) 4(3r - 8)$$

$$\textcolor{red}{12r - 32}$$

$$23) 3(5 + 5x)$$

$$\textcolor{red}{15 + 15x}$$

$$24) (1 + 9x) \cdot -10$$

$$\textcolor{red}{-10 - 90x}$$

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