
Simplifying Expressions

$$3(x + 4y) = 3x + 3 \cdot 4y = 3x + 12y$$

Use the distributive property to expand the following expressions.

1. $-6(b + c)$

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

2. $3(w - 4)$

9. $7(-c + 6d)$

3. $2(x - 12)$

10. $3(x + y + z)$

4. $3(2 + r)$

11. $4(2r + 6y)$

5. $8(y + -2x)$

12. $3k(-xy + -5)$

6. $5(n + 13y)$

13. $-9(2x + 8)$

7. $5(2y + 5x)$

14. $12(2y + 5w)$