

Distributive Property & Then Some

Simplify the following, using the Distributive Property:

1. $6x + 3$

2. $6x - 12$

3. $4x + 10$

4. $24x^2 - 8x$

5. $2x^2 + 8x$

6. $10x^2 + 35x$

7. $10x^2y - 15xy^2$

8. $5x^2y + 10xy$

9. $12x^2 - 9x + 15$

10. $3x^3 - 12x^2 - 30x$

11. $9x^2 - 4x + 12$

12. $2x^3 - 3x^2 + 5x$

13. $39x^3 + 26x^2 - 13x$

14. $17x^2 + 34x + 51$

15. $18x^2y^4 - 12x^2y^3 + 24x^2y^2$

REVIEW:

1. $-6^2 + 3^3 - 8^0$

2. $9 - |8^2 - 2^1| - 3^2$

3. $8 - 4(2 + 4 \div 2) + 1$

4. Translate: Six subtracted from the product of x and y .

5. If $a \div b = -1$, what is $c^a \times c^b$ when $c \neq 0$?