

Expressions Worksheet 5

Distribute and simplify each of the following expressions.

1. $-2x^2 + 5x - 6x^2$

2. $-6x + 5y - 2 + 8x - 14y - 1$

3. $-7A + 2B - 5A - 2B$

4. $8x + 2y - 6x - 6y$

5. $5A + 4B - 12A - 10B$

6. $-2x + 4x - 6x + 7x$

7. $-4(2x - 3y)$

8. $-3x(5x + 2)$

9. $-5(x - 2)$

10. $0.5(6x - 2y) - 2(8x - y)$

11. $0.5(6x - 4y) - 3(3x - 4y)$

12. $-4(2x - 5) - (5x + 1)$

- 13.** $-5(5x - 2y) - \frac{1}{2}(4x + 2y)$ **14.** $-2x + 2x - 6x$ **15.** $-4x + 2y - 5 + 8x - 12y - 3$
- 16.** $-5A + 2B - 6A - B$ **17.** $8x + 2y - 6x - y$ **18.** $-2x + 5x - 6x$
- 19.** $-5(3x - 4y)$ **20.** $-5x(4x + 3)$ **21.** $-5(x - 4)$
- 22.** $0.5(2x - 4y) - 4(4x - 2y)$ **23.** $0.5(8x - 4y) - 3(2x - 3y)$ **24.** $-3(2x - 4) - (5x + 1)$
- 25.** $-5(3x - 2y) - \frac{1}{2}(4x + 2y)$ **26.** $-2(6x + 2) - (4x + 1)$ **27.** $-2(3x + 2y) - \frac{1}{2}(2x - 4y)$