Combine Like Terms, Use Distributive Property Worksheet

Fact or Fiction: Factorials Have Nothing to Do With Factoring

Simplify.

1. $4xy + 3x^2y - 3xy + 2x^2y$

2. $3x^2 + 4x - 6x - 2x^2$

3. $4mn - 6n^2 + 2mn$

4. $16xy + 6x - 4m - (4xy - 3m)$

5. $8a + 4b + 6 - (3a + 2b + 4)$

Use the distributive property to simplify.

6. $-2(x + 4)$

7. $4x(x^2 + 3)$

8. $3x(-4 + 5y)$

9. $-6a(4b + c)$

10. $4x^2(-3x + 2)$