

Algebraic Expressions Exit Quiz

Part A: Multiple Choices: Instructions: Choose the option that completes the sentence or answers the question.

1. If $3x^2 - 7y + 6$ is subtracted from $4x^2 - 3y + 4$, the result is
 - a) $7x^2 - 10y + 10$
 - b) $x^2 - 10y - 2$
 - c) $x^2 + 4y - 2$
 - d) $-x^2 - 4y + 2$
2. The expression $(4a + 2b) - (2a - 3b) - (a - b)$ when simplified is
 - a) $6a + 6b$
 - b) $a + 6b$
 - c) $-2b$
 - d) $6b$
3. The expression $(5x + 6y) - (7x - 2y) + (x - 2y)$ when simplified is
 - a) $-x + 6y$
 - b) $x + 6y$
 - c) $13x - 2y$
 - d) $13x + 10y$
4. The expression $(3x^2 + 5x - 12) - 2(x^2 + 4x + 9)$ is equivalent to which of the following:
 - a) $x^2 - 3x - 30$
 - b) $x^2 + 13x + 6$
 - c) $5x^2 + x - 18$
 - d) $x^2 + 3x - 21$

Part B: Short Answer: Instructions: Answer the question below.

1. Simplify the expression $(5x^2 + 5x - 32) - 3(x^2 + 2x + 11)$