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

1. If 3x2 - 7y + 6 is subtracted from 4x2 - 3y + 4, the result is
2. 7x2 - 10y + 10
3. x2 - 10y - 2
4. x2 + 4y - 2
5. -x2 - 4y + 2
6. The expression (4a + 2b) - (2a - 3b) - (a - b) when simplified is
7. 6a + 6b
8. a + 6b
9. -2b
10. 6b
11. The expression (5x + 6y) - (7x - 2y) + (x - 2y) when simplified is
12. -x + 6y
13. x + 6y
14. 13x - 2y
15. 13x + 10y
16. The expression (3*x*2 + 5*x* – 12) – 2(*x*2 + 4*x* +9) is equivalent to which of the following:
17. *x*2 – 3*x* – 30
18. *x*2 + 13*x* + 6
19. 5*x*2 + *x* – 18
20. *x*2 + 3*x* – 21

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

1. **Simplify the expression** (5*x*2 + 5*x* – 32) – 3(*x*2 + 2*x* +11)

**Answers:**

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

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16. The expression (3*x*2 + 5*x* – 12) – 2(*x*2 + 4*x* +9) is equivalent to which of the following:
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18. *x*2 + 13*x* + 6
19. 5*x*2 + *x* – 18
20. *x*2 + 3*x* – 21

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

1. **Simplify the expression** (5*x*2 + 5*x* – 32) – 3(*x*2 + 2*x* +11)

5*x*2 + 5*x* – 32 – 3*x*2 6*x –* 33

2x2 – x 55