

A.A.13: Add, subtract, and multiply monomials and polynomials

1. Multiply:
- $-6(x - 3)$

[A] $-6x + 3$

[B] $-6x - 3$

[C] $-6x + 18$

[D] $-6x - 18$

2. Use the distributive property to simplify the expression
- $3(8x + 2y)$
- .

[A] $24x + 6y$

[B] $24x - 6y$

[C] $8x + 2y$

[D] $24x + 2y$

3. Use the distributive property to simplify the expression
- $6(5x - y)$
- .

[A] $30x - y$

[B] $30x - 6y$

[C] $5x - y$

[D] $30x + 6y$

4. Simplify:
- $4(x - 1) - 5(x - 1)$

[A] $-x + 1$

[B] $4x - 1$

[C] $-x + 9$

[D] $4x - 9$

5. Multiply:
- $(x + 6)(-4)$

6. Use the distributive property to simplify the expression
- $5(4x + 8y)$
- .

[A] $20x + 40y$

[B] $20x + 8y$

[C] $20x - 40y$

[D] $4x + 8y$

Simplify:

- 7.
- $5(x - 1) - 4(x - 1)$

[A] $x - 1$

[B] $5x - 1$

[C] $x - 9$

[D] $5x - 9$

- 8.
- $7(x + 1) - 3(x + 1)$

[A] $7x - 10$

[B] $4x + 4$

[C] $4x + 10$

[D] $7x - 4$

- 9.
- $3(x + 1) + (x + 1)$

[A] $4x + 2$

[B] $3x + 2$

[C] $4x + 4$

[D] $3x + 4$

10. Multiply:
- $(x - 2)(-5)$

Integrated Algebra Practice: A.A.13 #2

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[1] C

[2] A

[3] B

[4] A

[5] $-4x - 24$

[6] A

[7] A

[8] B

[9] C

[10] $-5x + 10$