

EXPANDING TRIPLE BRACKETS ANSWERS

1. Expand and simplify.

$$(x + 1)(x + 2)(x + 3)$$

$$x^3 + 6x^2 + 11x + 6$$

(3)

2. Expand and simplify.

$$(x + 2)(x - 1)(x + 4)$$

$$x^3 + 5x^2 + 2x - 8$$

(3)

3. Expand and simplify.

$$(x - 1)(x + 3)(x + 2)$$

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

(3)



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4. Expand and simplify.

$$(2x - 1)(x + 2)(x + 3)$$

$$2x^3 + 9x^2 + 4x - 6$$

(3)

5. Expand and simplify.

$$(2x + 1)(x - 2)(x + 3)$$

$$2x^3 + 3x^2 - 7x - 6$$

(3)

6. Expand and simplify.

$$(x - 2)(2x + 3)(x - 1)$$

$$2x^3 - 3x^2 - 7x + 6$$

(3)

