

## Warm up

Dec 6

Add or subtract

$$1. (3x^2 - 2x + 6) + (7x^2 - 4x - 3)$$

$$3x^2 - 2x + 6 + 7x^2 - 4x - 3$$

$$10x^2 - 6x + 3$$

$$2. (1 + 4n - n^2) - (3n - 2n^2 + 7)$$

$$1 + 4n - n^2 - 3n + 2n^2 - 7$$

$$n^2 + n - 6$$

$$3. -2(a^2 - 3a + 5) + 5(3a^2 - 7a - 4)$$

$$-2a^2 + 6a - 10 + 15a^2 - 35a - 20$$

$$13a^2 - 29a - 30$$

Homework Questions?

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$$12. (2y^2 - 3y + 5) - (y^2 + 5y - 2)$$

$$2y^2 - 3y + 5 - y^2 - 5y + 2$$

$$y^2 - 8y + 7$$

Check work by adding

$$y^2 - 8y + 7 + y^2 + 5y - 2 = 2y^2 - 3y + 5$$

# Concept Reinforcement

## Extra Practice 1 & 2