

WARM UP: Find the mistake in each answer, then fix each one!

1) $3s - 4t + 6s + 2t = 9s + 2t$

Handwritten notes: A red circle around the first 3s, a blue box around -4t, a red circle around 6s, a blue box around +2t, a red circle around 9s, and a blue 'x' over 2t. A red checkmark is under the 9s. A number line below shows s values from 0s to 9s. A red bracket from 3s to 9s is labeled +6s. A blue bracket from -4t to -2t is labeled +2t.

2) $-3x^2 + 5x - 4 + 2x^2 - 6x + 6 = -5x^2 - x + 2$

Handwritten notes: Green circles around -3x^2, 2x^2, and -5x^2. A green 'x' is over -5x^2. A number line below shows x^2 values from -3x^2 to 3x^2. A green bracket from -3x^2 to -1x^2 is labeled +2x^2.

3) $(7x^2 - 5x + 2) - (2x^2 + 4x - 3) = 5x^2 - x - 1$

$7x^2 - 5x + 2 - 2x^2 - 4x + 3$

$= 5x^2 - 9x + 5$

Handwritten notes: Green circles around 7x^2 and -2x^2. Blue boxes around -5x and -4x. Red triangles around +2 and +3. The final answer 5x^2 - 9x + 5 is written in green, blue, and red respectively.