

$$\begin{aligned}
&(-4 + 5x + 7x + 6x) + 2 - x - 7 - 7 - 6 = -6 + 7 - 110 + 4 - 3(x + 6x - 3 + 6) + 6x - 7(3x - 7 - 7 - 4x - 3) + 3 \\
&(-2 + 3x) + 3x - 2x + 2x + 3(3x - 2x + x - 1 + 4x) - x = 2(-3 - 4x - 2 - 4 + 3) - x + 53 + 4 \\
&4(4x - 2x - 4x + 2x) + 2(3 + 3x + 4x - 3) - (-3x - 3) + 2x + x - 3 = -4 - 4 + 3x - 147 + 2 \\
&-4x - x + (3x - 4x + 3x) = 4(3x + 4x) - 4x - 249 + 3x - 3(-3 - 2x + 2x) \\
&9x + 4 - 9x = 36 - 9 + 2(-3x + 7x - 8 - 5x + 2) + 7 + x - 6(7x - 7x + 4x + 4 + 4) - 8x + 5(6 - 3x - 6x + 10x) \\
&-2 + 6 - 6 + 2 - 5x = -53 + 4(2x - 3x - 7x) - 5(3 - 7 - 6x + 2x - 7x) - 5x + x + 5(-6 + 7 - 1 - 7x) \\
&x - (2x - 2 + 1) + 2x - 3(-3x - 4x + 2x) - 3(4x + 2x - 1 - 4x) = x + 18 + 3x + 3x + 1 \\
&6(-5x - 7x) - 2 - 4x - 2(5x + 7x) - 3x = 296 - 3x - 7x + 6x - 2(5x + 2x - x + 3 + 7x) \\
&-5x - 4x + 3(5x - 7x + 4x - 4 - 3x) - 3 + 7x + 2(7 + 6 - 3x) + x = 2x - 5x - x + 6 - 51 + x + (2x - 3x + 7x + x) \\
&-3(-2 - 3x - 3) + 4x - (-3x - 2x - x) - 2(2 - 2x + 2x - 3x) + x = 245 - 2x - 2x + 2x + 2x
\end{aligned}$$