



Simplifying Polynomials

Name: _____

Date: _____ Score: _____

$$x^3 + 6x^3 + 2x^2 + 2(9x - 6x^2)$$

$$3x - 9x^3 + 2x + 8x - 2x^3$$

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

$$6x^2 - 5x^3 + 2(4x^3 - 7x^3) + 7x^2$$

$$2x^3 - 3x + 8x^2 - 3(4x + 7x)$$

$$2(3x^3 + 5x) + 4x^2 + 5x^3 + 2x^3$$

$$x + 8x^2 + 4(4x^2 + 3x^3) + 6x$$

$$x^3 - 8x^3 + 2(8x - 5x^2) + 4x^3$$

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

$$6x^3 - x^2 - 6x^3 + 8x^2 + 6x$$



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$$\begin{aligned} x^3 + 6x^3 + 2x^2 + 2(9x - 6x^2) \\ 7x^3 - 10x^2 + 18x \end{aligned}$$

$$\begin{aligned} 3x - 9x^3 + 2x + 8x - 2x^3 \\ -11x^3 + 13x \end{aligned}$$

$$\begin{aligned} 4(7x^2 + 3x^2) + 7x^2 + 7x^2 - 6x^3 \\ -6x^3 + 54x^2 \end{aligned}$$

$$\begin{aligned} 6x^2 - 5x^3 + 2(4x^3 - 7x^3) + 7x^2 \\ -11x^3 + 13x^2 \end{aligned}$$

$$\begin{aligned} 2x^3 - 3x + 8x^2 - 3(4x + 7x) \\ 2x^3 + 8x^2 - 36x \end{aligned}$$

$$\begin{aligned} 2(3x^3 + 5x) + 4x^2 + 5x^3 + 2x^3 \\ 13x^3 + 4x^2 + 10x \end{aligned}$$

$$\begin{aligned} x + 8x^2 + 4(4x^2 + 3x^3) + 6x \\ 12x^3 + 24x^2 + 7x \end{aligned}$$

$$\begin{aligned} x^3 - 8x^3 + 2(8x - 5x^2) + 4x^3 \\ -3x^3 - 10x^2 + 16x \end{aligned}$$

$$\begin{aligned} 2(4x^2 + 2x^3) - 3x^2 - 6x^3 + 7x^2 \\ -2x^3 + 12x^2 \end{aligned}$$

$$\begin{aligned} 6x^3 - x^2 - 6x^3 + 8x^2 + 6x \\ 7x^2 + 6x \end{aligned}$$