

Combine like terms:

$$\begin{array}{ll} -7 + -8 = & -7 + -5 = \\ 3 - 8 = & -4 + 8 = \\ 6 - -7 = & 3 + -7 = \\ -7 + 9 = & 1 - 4 = \\ -6 - -5 = & -7 - -5 = \\ 3 + -6 = & 4 - -1 = \\ -4 + -8 = & 4 - 8 = \\ 8 - 9 = & -6 + -4 = \\ 9 + -6 = & 4 - 6 = \\ 7 - -3 = & 4 + -2 = \\ -9 - -6 = & 9 - -6 = \\ -9 + 8 = & -5 + 2 = \\ 5 + -1 = & -8 - -2 = \\ -5 + -4 = & -2 + -8 = \\ 3 + -9 = & 7 - 9 = \\ -9 - -2 = & 9 + -2 = \\ 4 - -8 = & 8 - -9 = \\ 5 + -2 = & -6 + 2 = \\ 0 - 4 = & -8 - -7 = \\ -8 - -8 = & -9 + -7 = \end{array}$$

$$\begin{array}{l} 5a + 3a = \\ 4b + 2a = \\ 3c^2 + 6c = \\ 7d - d = \\ 9e - 5 = \\ 6f + f = \\ 3g - 8g = \\ 7b + 3c = \\ 5a - 5 = \\ 4c - 4c = \\ 6d^2 + 3d^2 = \\ 8e^2 - 4e = \\ 9d - 9f = \end{array}$$

$$\begin{array}{l} 4\sqrt{3} + 2\sqrt{3} = \\ 9\sqrt{2} - 2\sqrt{2} = \\ 5\sqrt{2} + 3\sqrt{5} = \\ 7\sqrt{3} - \sqrt{3} = \\ 6\sqrt{7} - 2\sqrt{5} = \end{array}$$

Simplify:

$$\begin{array}{lll} \frac{a^5}{a^2} = & \frac{a^4}{a^4} = & \frac{a^3}{a^7} = \\ \frac{a+4}{a} = & \frac{5a}{a} = & \frac{6a}{3} = \end{array}$$

PEMDAS:

$$\begin{array}{l} 4 + 3 \times 2 = \\ 10 - 5 + 2 = \\ -3(3 + 2) + 36 \div 3^2 = \end{array}$$

$$\begin{array}{l} -7^2 = \\ (-6)^2 = \end{array}$$

Distributive Property

Multiply:

$$2(4a + 3b - 2c)$$

$$2a(3a - 2b + c)$$

$$3b(a^2 + 6b^4 - 2c)$$

$$-5(2d + 6e^2 - f)$$

$$-(5a - 4b + 3c)$$

$$6ab^3(-3a^2b^4 + 4bc - 5)$$

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

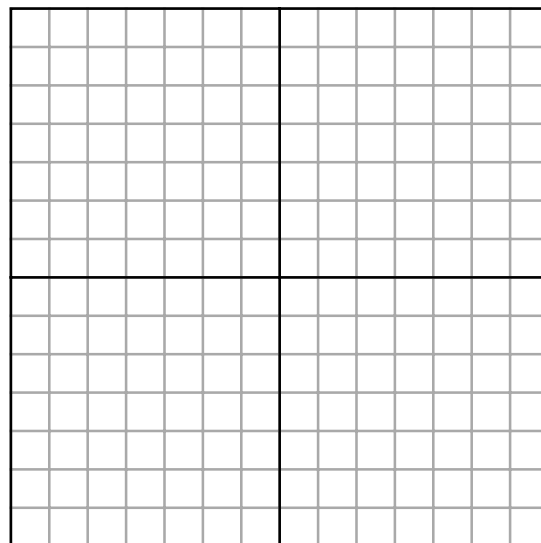
Factor:

$$4a + 6b - 8c$$

$$6a - 9a^2b + 12ab$$

$$12a^2c + 16a - 4a$$

Graph:



$$(5, 2) \quad (3, -4) \quad (-2, -4) \quad (-5, 4)$$

$$x = 6$$

$$y = -5$$

$$y = \frac{2}{3}x + 2$$

$$y = -\frac{1}{2}x - 1$$

$$y = 2x - 3$$

$$y = \frac{2}{3}x$$

$$y = x + 6$$