

$$(-2, 3)(5, 9)$$
$$m = \frac{9-3}{5-(-2)} = \frac{6}{7}$$

$$\frac{y_2 - y_1}{x_2 - x_1}$$

$$+3 \left(\begin{array}{r} -7 \\ -4 \end{array} \right) - 2$$
$$+3 \left(\begin{array}{r} -1 \\ 4 \end{array} \right) - 2$$
$$+6 \left(\begin{array}{r} 5 \\ 0 \end{array} \right) - 4$$

Factor Completely

$$\frac{12x^2}{6} - \frac{6x}{6} - \frac{168}{6}$$

$$6(2x^2 - x - 28)$$

$$a=2 \quad b=-1 \quad c=-28$$

$$ac = -56$$

1	-56
2	-28
4	-14
7	-8

$$\left(\frac{2x^2}{2x} - \frac{8x}{2x} + \frac{7x}{7} - \frac{28}{7} \right)$$

$$2x(x-4) + 7(x-4)$$

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

$$\left(\frac{2x^3 + 3x^2}{x^2} \right) \left(\frac{-18x - 27}{-9} \right)$$

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

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

$$(x+3)(x-3)(2x+3)$$