

$$\textcircled{3x} - 4 \textcircled{+ 8x} + 12$$

$$\underbrace{3x + 8x}_{\text{blue}} \quad \underbrace{- 4 + 12}_{\text{red}}$$

$$11x + 8$$

$$\boxed{11x + 8}$$

$$\textcircled{-2x} - \boxed{4y} + \textcircled{6x} - 8 + \textcircled{10x} - 12$$

$$\begin{array}{l} \underbrace{-2x + 6x + 10x}_{14x} \quad \underbrace{-4y}_{-4y} \quad \underbrace{-8-12}_{-20} \end{array}$$

$$14x - 4y - 20$$

$$\textcircled{2x^2} \text{ } \boxed{-3x} \text{ } \boxed{+4x} \text{ } \underline{\underline{-5}} \text{ } \textcircled{-3x^2}$$

$$\begin{array}{l} \boxed{2x^2 - 3x^2} \\ -1x^2 \end{array} \quad \begin{array}{l} \boxed{-3x + 4x} \\ -1x \end{array} \quad \begin{array}{l} \boxed{-5} \\ -5 \end{array}$$

$$\begin{array}{l} \boxed{-1x^2 - 1x - 5} \\ \boxed{-x^2 - x - 5} \end{array} \text{ or}$$



$P = ?$

$$10x + 6y - 4$$

$$2(3x - 1) + 5x + 8$$

$$\textcircled{6}x - \underline{2} + \textcircled{5}x + \underline{8}$$

$$\boxed{11x + 6}$$

$$6(2x + 4y) - 2(1x - 4)$$

$$\cancel{12x} + 24y - \cancel{2x} + 8$$

$$10x + 24y + 8$$