

Résoudre les systèmes d'équations suivants

1°/ Par substitution :

$$\begin{cases} x - 2y = \frac{2}{3} \\ 3x - 5y = \frac{3}{4} \end{cases}$$

$$\begin{cases} \frac{x}{2} + \frac{y}{3} - \frac{1}{5} = 0 \\ 6x + 4y - 3 = 0 \end{cases}$$

$$\begin{cases} \frac{x}{2} - \frac{y}{3} = \frac{41}{12} \\ \frac{x}{4} + \frac{6y}{5} + \frac{41}{30} = 0 \end{cases}$$

$$\begin{cases} 2x - 3y = 2\sqrt{2} - 3\sqrt{5} \\ x + y = \sqrt{2} + \sqrt{5} \end{cases}$$

$$\begin{cases} 3x + 2y - 21 = 0 \\ 4x - 5y - 5 = 0 \end{cases}$$

2°/ Par addition :

$$\begin{cases} -13x - 2y = 3 \\ 5x + 2y = 5 \end{cases}$$

$$\begin{cases} x + 5y + \frac{5}{4} = 0 \\ \frac{1}{5}x - \frac{1}{4}y = \frac{1}{4} \end{cases}$$

$$\begin{cases} 5x + 7y - 13 = 0 \\ 35y - 65 = -25x \end{cases}$$

$$\begin{cases} x - 2y - 5 = 0 \\ \frac{1}{7}x + \frac{1}{3}y - \frac{1}{4} = 0 \end{cases}$$

$$\begin{cases} x - 2y - 2 = 0 \\ 3x - 6y + 3 = 0 \end{cases}$$

3°/ Graphiquement :

$$\begin{cases} 2x + 3y = 10 \\ 3x - 4y + 2 = 0 \end{cases}$$

$$\begin{cases} \frac{1}{2}x + 2y - 5 = 1 \\ \frac{4x}{3} - y = 7 \end{cases}$$

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