

# METODO DI SOMMA O RIDUZIONE

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

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$$\begin{cases} 4x - 2y = 8 \\ 5x + 2y = 1 \end{cases}$$

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

$$\begin{cases} 10x - 5y = 20 \\ -10x - 4y = -2 \end{cases}$$

$$\begin{aligned} & \frac{9x}{9} // = \frac{9}{9} \\ & \boxed{x=1} \end{aligned}$$

$$// -9y = 18$$

$$\frac{9y}{9} = \frac{-18}{9}$$

$$\boxed{y=-2}$$

$$\text{Sol} \rightarrow \begin{cases} x=1 \\ y=-2 \end{cases}$$