

SIMULTANEOUS EQUATIONS (one equation needs to be multiplied)

Solve the following by elimination.

$$\begin{aligned} 1) \quad & -16x - 5y = -2 \\ & 8x + y = 10 \end{aligned}$$

$$\begin{aligned} 2) \quad & 8x + 8y = -24 \\ & 4x - 2y = 24 \end{aligned}$$

$$\begin{aligned} 3) \quad & 5x - 4y = -17 \\ & -10x - 6y = -8 \end{aligned}$$

$$\begin{aligned} 4) \quad & 2x + 4y = 10 \\ & 8x + 3y = 1 \end{aligned}$$

$$\begin{aligned} 5) \quad & 10x + 5y = -20 \\ & -5x - y = 22 \end{aligned}$$

$$\begin{aligned} 6) \quad & -8x - 5y = 11 \\ & 5x + 10y = 0 \end{aligned}$$

$$\begin{aligned} 7) \quad & 4x - 2y = 0 \\ & 2x + 10y = 22 \end{aligned}$$

$$\begin{aligned} 8) \quad & -6x - 10y = 22 \\ & x - 2y = 11 \end{aligned}$$

$$\begin{aligned} 9) \quad & x + 3y = -2 \\ & -4x + y = -5 \end{aligned}$$

$$\begin{aligned} 10) \quad & 12x + 5y = 12 \\ & 6x - 8y = 6 \end{aligned}$$