

SUBSTITUTION METHOD WORKSHEET

$$\begin{aligned} 1) \quad & 2x + 8y = 20 \\ & y = 2 \end{aligned}$$

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

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

$$\begin{aligned} 4) \quad & 2y + x = -15 \\ & x = 3y \end{aligned}$$

$$\begin{aligned} 5) \quad & 4x + 7y = 19 \\ & y = x + 9 \end{aligned}$$

$$\begin{aligned} 6) \quad & y = 6x + 11 \\ & 2y - 4x = 14 \end{aligned}$$

$$\begin{aligned} 7) \quad 2x - 8y &= 6 \\ y &= -7 - x \end{aligned}$$

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

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

$$\begin{aligned} 10) \quad 2x - 3y &= -4 \\ x &= 7 - 3y \end{aligned}$$

HARDCORE PROBLEM

$$\begin{aligned} 11) \quad 5x &= 15 + 10y \\ 3x + 7y &= 31 \end{aligned}$$