

$$16) \quad \begin{array}{rcl} 2x + 3y & = & 12 \\ 5x + 3y & = & 9 \\ \hline 7 & & 21 \end{array}$$

$$7x = 21$$

$$x = 3$$

$$(5 \times 3) = 15 + 3y = 9$$

$$2(3) + 3y = 12$$

$$6 + 3y = 12$$

$$3y = 12 - 6 \quad \Rightarrow \quad y = 2$$

$$5(3) + 3y = 9$$

$$15 + 3y = 9$$