

1.16  
1

$$\begin{cases} (x-6)(y-5) = 16 \\ 5x+8y = 14 \end{cases}$$

5 -> את המשוואה הראשונה

$$(5x-30)(y-5) = 80$$

$$5x = 14 - 8y \quad \text{ז"ב}$$

$$(-16-8y)(y-5) = 80$$

$$-8y^2 + 24y + 40 = 0 \quad /: (-8)$$

$$y^2 - 3y - 5 = 0$$

$$y(y-3) = 0$$

$$\boxed{y=0} \quad \boxed{y=3}$$

$$\boxed{x = \frac{14}{5}}$$

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