

Warmup: Systems of Equations

Solve by graphing:

$$\frac{4(x-2)^2 + 4(y-3)^2 = 16}{4}$$

$$(x-2)^2 + (y-3)^2 = 4$$

$\rightarrow C: (2, 3)$
 $\rightarrow r: 2$

$$y + x = 3$$

$$y = -x + 3 \quad m = -\frac{1}{1}$$

Solutions: $(2, 1)$ $(0, 3)$

