Partner Practice – Linear Programming

1) Find the maximum and minimum values for the objective function given the set of constraints.
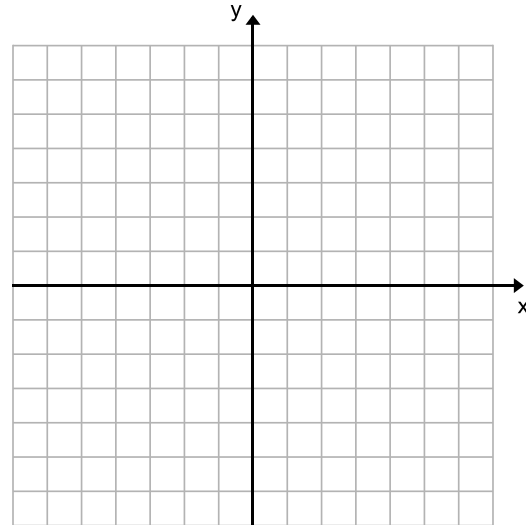
$C = 3x - y$

$y \geq 0$

$x \geq 0$

$x + y \leq 6$

$-x + 2y \leq 6$

2) Find the maximum and minimum values for the objective function given the set of constraints.

$C = -x + 2y$

$y \geq 1$

$x \geq 0$

$2x + y \geq 5$

$x + 2y \leq 10$