

HW review - p. 479

$$\textcircled{\#17} \begin{cases} 3(3y = x + 5) \\ -3x + 8y = 8 \end{cases}$$

$$\begin{aligned} 3(7) &= x + 5 \\ 21 &= x + 5 \\ x &= 16 \end{aligned}$$

$$\begin{aligned} 9y &= 3x + 15 \\ -8y &= 3x + 8 \end{aligned}$$

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$$y = \boxed{7}$$

$$(16, 7)$$

$$\textcircled{1} \quad 3x - y = -6$$

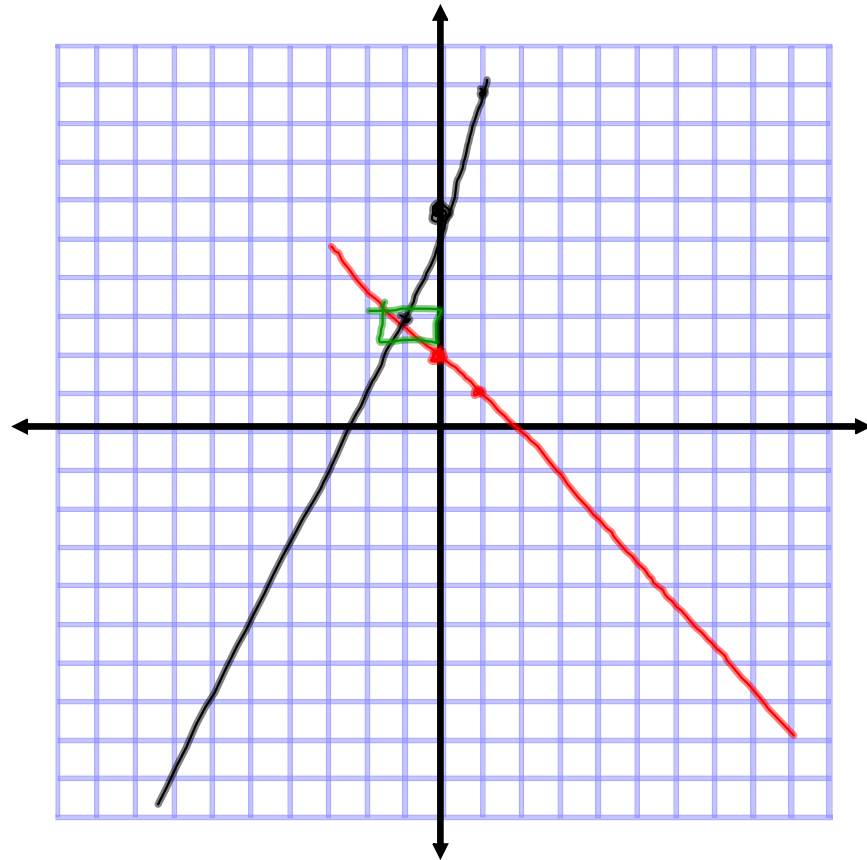
$$\frac{-y}{-1} = \frac{-3x-6}{-1}$$

$$y = 3x + 6$$

$$(-1, 3)$$

$$x + y = 2$$

$$y = -x + 2$$



— put eq. in  $y = mx + b$  form

— compare  $m$ 's &  $b$ 's

$m$	$b$	# of sol's
diff.		1 solution
same	diff.	no sol'n
same	same	inf. # of sol'n

## After test:

- Extra Credit: p. 402 1-13 (all)
- Re-take skills tests (3 & 4)
- Make corrections on ch. 6 test
- Sit quietly - read, draw