

FINDING X-INTERCEPT

PLUG 0 IN FOR Y
AND SOLVE

FINDING Y-INTERCEPT

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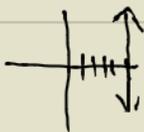
10. $5x - 2y = 20$

<u>X-INT</u>	<u>Y-INT</u>
$5x - 2(0) = 20$	$5(0) - 2y = 20$
$5x = 20$	$-2y = 20$
$\frac{5x}{5} = \frac{20}{5}$	$\frac{-2y}{-2} = \frac{20}{-2}$
$x = 4$	$y = -10$
$(4, 0)$	$(0, -10)$

11. $\frac{x}{3} - \frac{y}{6} = 2$

<u>X-INT</u>	<u>Y-INT</u>	} $\frac{x}{-1} = \frac{12}{-1}$ $y = -12$ $(0, -12)$
$\frac{x}{3} - \frac{0}{6} = 2$	$\frac{0}{3} - \frac{y}{6} = 2$	
$\frac{x}{3} = 2$	$-\frac{y}{6} = 2$	
$3(\frac{x}{3}) = 2(3)$	$6(-\frac{y}{6}) = 2(6)$	
$x = 6$ $(6, 0)$	$-y = 12$	

12. $x - 5 = 0$
 $x = 5$



<u>X-INT</u>	<u>Y-INT</u>
$(5, 0)$	NONE

13. $\frac{1}{2}x - 2 = 2y$

$2(\frac{1}{2}x) + 2(-2) = 2(2y)$	<u>X-INT</u>	<u>Y-INT</u>
$x - 4 = 4y$	$\frac{1}{2}x - 2 = 2(0)$	$\frac{1}{2}(0) - 2 = 2y$
$\frac{1}{4}x - \frac{4}{4} = \frac{4}{4}y$	$\frac{1}{2}x - 2 = 0$	$-2 = 2y$
$\frac{1}{4}x - 1 = y$	$2(\frac{1}{2}x) + 2(-2) = 2(0)$	$-\frac{2}{2} = \frac{2}{2}y$
	$x - 4 = 0$	$-1 = y$
	$x = 4$	



14. $3x - 6 = 0$
 $3x = 6$
 $\frac{3x}{3} = \frac{6}{3}$
 $x = 2$

