Key

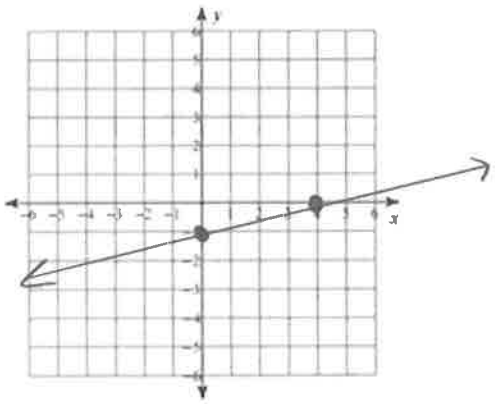
Math 1

Unit 3 Graphing Practice

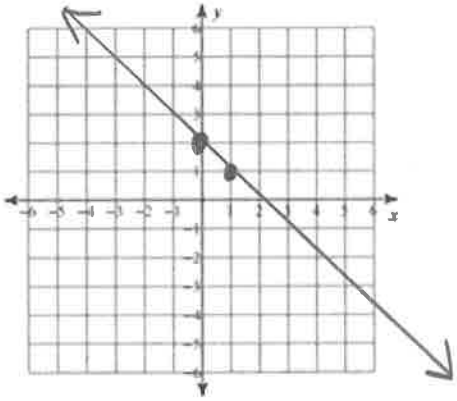
Name _____

Date_____

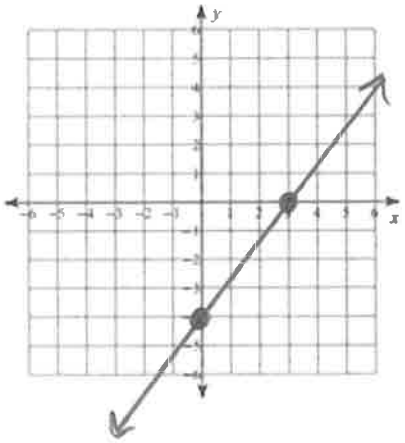
1. $y=\frac{1}{4}x-1$



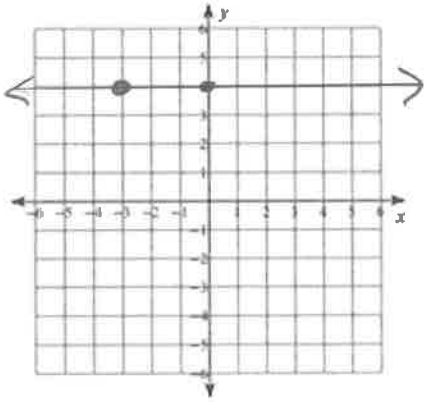
2. $y=-x+2$



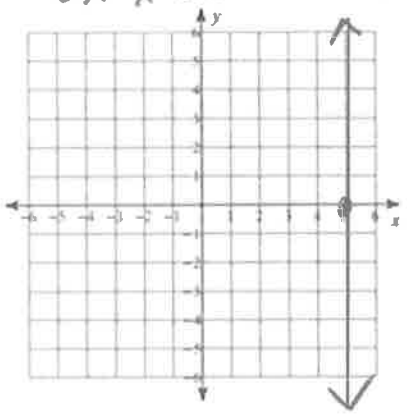
3. $y=-4+\frac{4}{3}x$



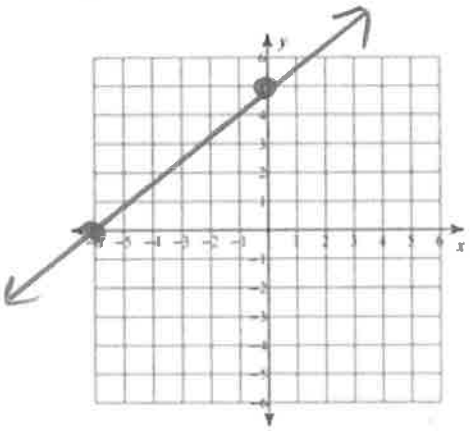
4. $y=4$ → Every point has a y-coordinate of 4!



5. $x=5$ → Every point has an x-coordinate of 5!



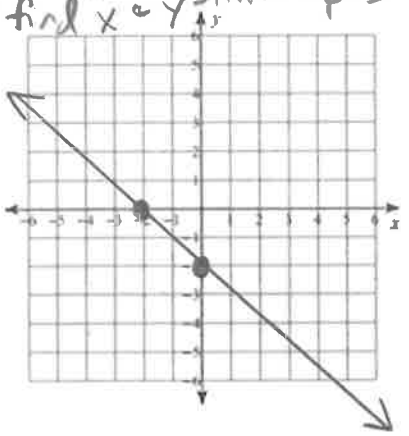
6. $5+\frac{5}{6}x=y$ $y=\frac{5}{6}x+5$



7. $x+y=-2$

$y=-2-x$

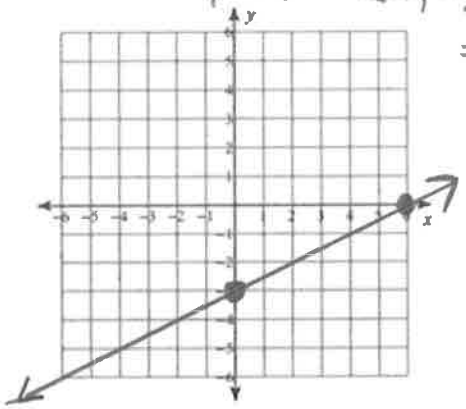
or find x & y-intercepts



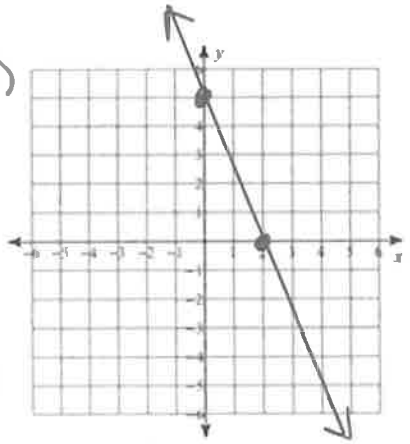
8. $x-2y=6$

x-int = (6, 0)

y-int = $(0, \frac{6}{-2})$ = (0, −3)



9. $2y+5x=10$



x-int: (2, 0)

$2(0)+5x=10$

$5x=10$

$x=2$

y-int: (0, 5)

$2y+5(0)=10$

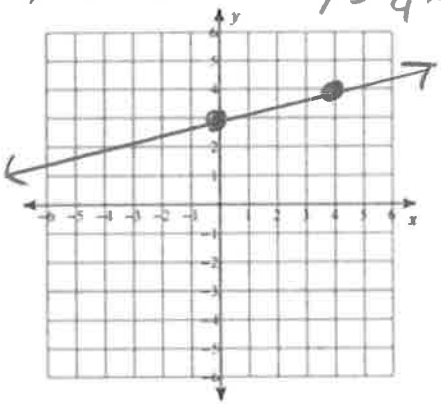
$2y=10$

$y=5$

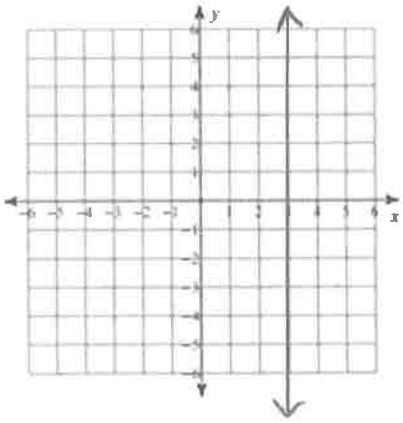
10. $-12=x-4y$

$4y=x+12$ → $y=\frac{1}{4}x+\frac{12}{4}$

$y=\frac{1}{4}x+3$



11. $x=3$



12. $y-3=2(x+2)$ point-slope!

$y-y_1=m(x-x_1)$