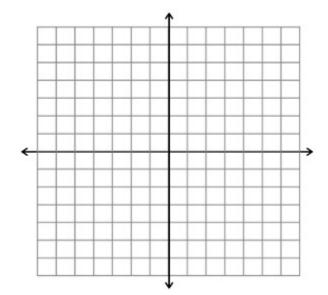
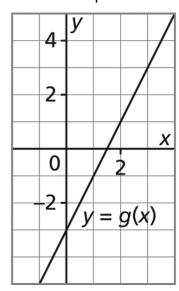
Sec. 6.4 – Slope-Intercept Form of the Equation for a Linear Function

1. The graph of a linear function has slope $-\frac{7}{3}$ and *y*-intercept 5. Write an equation for this function.

2. Graph the linear function with equation: $y = -\frac{3}{4}x + 2$



3. Write an equation to describe this function. Verify the equation.



	bin the local gym, Karim pays a start-up fee of \$99, plus a monthly fee of \$29. rite an equation for the total cost, $\mathcal C$ dollars, for n months at the gym.
b) \$	uppose Karim went to the gym for 23 months. What was the total cost?
c) S	uppose the total cost was \$505. For how many months did Karim use the gym?
d) (ould the total cost be exactly \$600? Justify your answer.