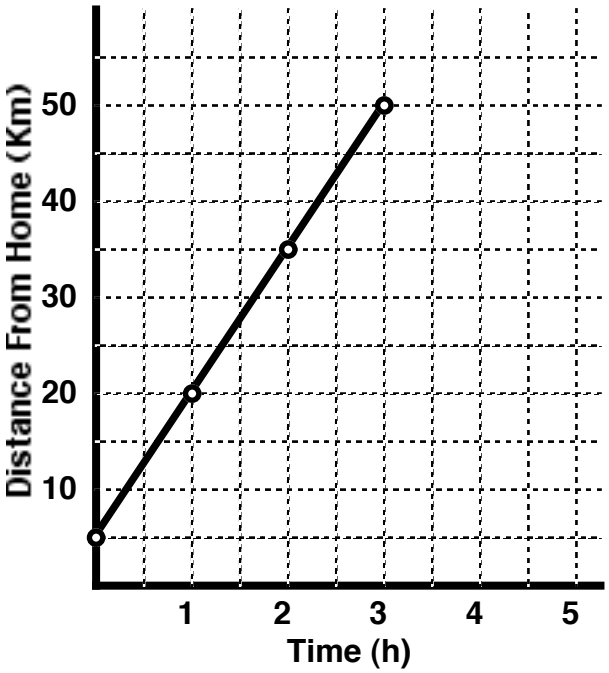
FMP 10 LG 13A (Formative Assessment)

Marking Teacher: _____ **Name:** _____

Student #: _____

1. The graph at the right represents Keeley's bicycle ride:

a. Find the slope



b. What does the slope represent?

c. Find the d-intercept

d. What does the d-intercept represent?

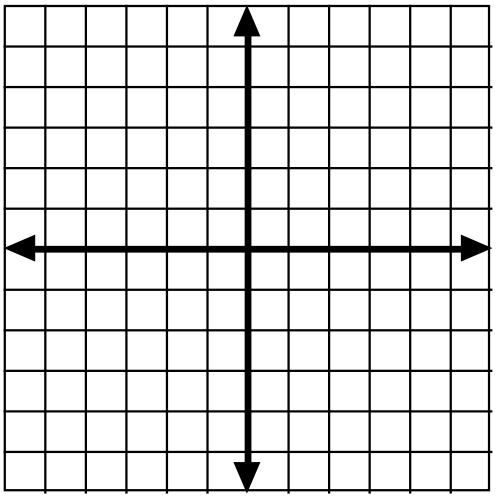
e. Write an equation to represent the graph.

f. Use the equation found in part (e) to find how long it took Keeley to travel 25 Km from home.

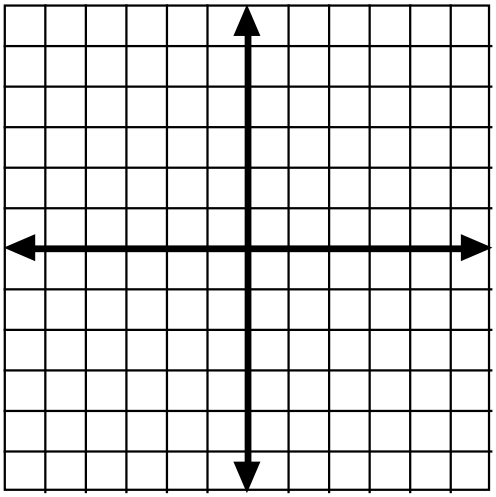
2. Graph the line whose equation is $y + 4 = \frac{-1}{2}(x - 1)$. (Show your points)

a. What is the slope?

b. Name a point it passes through.



3. Graph the line that passes through A(-4, -2) and is parallel to the line that has x-intercept 4 and y-intercept 1. (Show your points)



4. Write an equation in slope-intercept form with a slope of 4 and a y-intercept of 1.

5. Write an equation in point-slope form with a slope of 2 and a point of (-3, 2).

Directions: ☐ **See me about this** ☐ **Move on to next guide** ☐ **Review and redo**

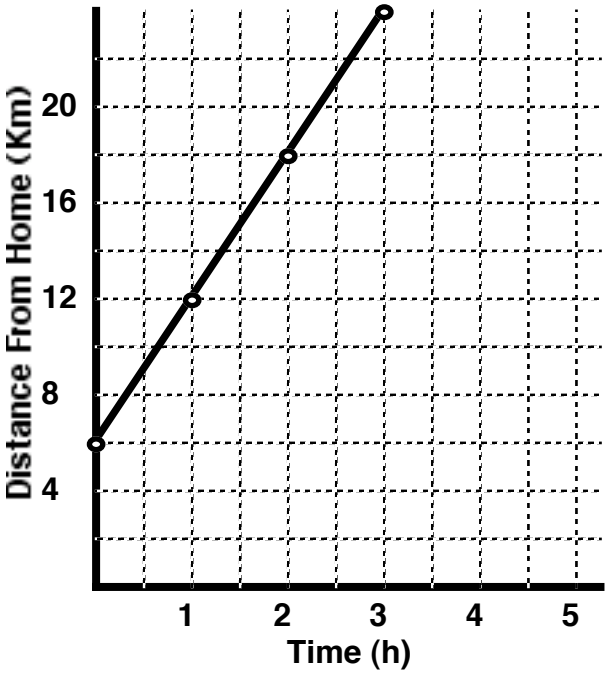
FMP 10 LG 13B (Formative Assessment)

Marking Teacher: _____ **Name:** _____

Student #: _____

1. The graph at the right represents Jaiden's horseback ride:

a. Find the slope



b. What does the slope represent?

c. Find the d-intercept

d. What does the d-intercept represent?

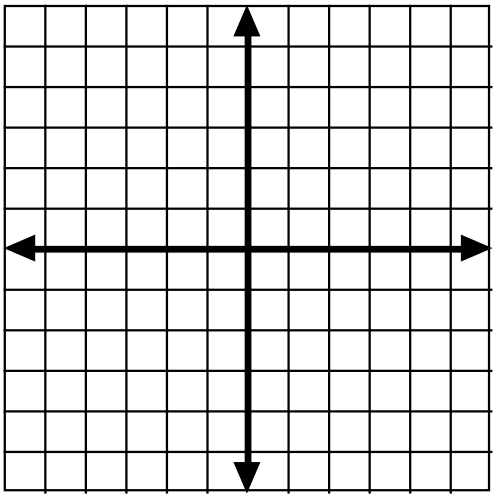
e. Write an equation to represent the graph.

f. Use the equation found in part (e) to find how long it took Keeley to travel 10 Km from home.

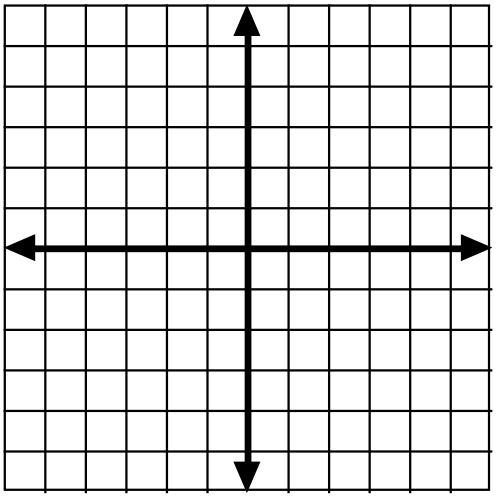
2. Graph the line whose equation is $y - 2 = \frac{-1}{3}(x + 1)$. (Show your points)

a. What is the slope?

b. Name a point it passes through.



3. Graph the line that passes through A(2, -3) and is perpendicular to the line that has x-intercept -1 and y-intercept -4. (Show your points)



4. Write an equation in slope-intercept form with a slope of 3 and a y-intercept of -2.

5. Write an equation in point-slope form with a slope of $\frac{2}{5}$ and a point of (4, -1).

Directions: ☐ **See me about this** ☐ **Move on to next guide** ☐ **Review and redo**