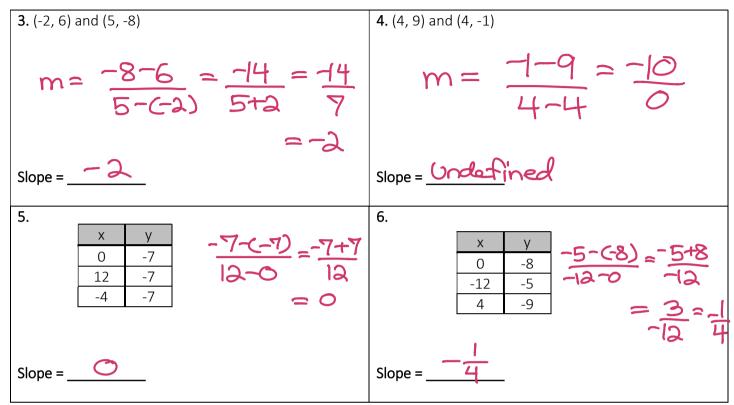


Module 2 Topic 2 - Lessons 3-6 Review

a. What are the Independent and Dependent Variables? (2 pts) Independent variable (x) - # of hours Dependent variable (y) - distance (mks) b. Complete the table and list the two ordered pairs. (2 pts) # of hours distance (m 0 0 0 3.5 49 Two ordered pairs: (0,0) (3.5,49 c. Calculate the slope and explain what it means in the context of this prote $m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1}$ miles Slope = <u>14</u> What does it mean? <u>Geoff rides 14 miles</u> xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 foost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: (0, 2.75) (5,9) b. Calculate the slope and explain what it means in the context of this prote $m = \frac{9-2.75}{5-0} \approx 5.25$	
Dependent variable (y) - <u>distance (miks)</u> b. Complete the table and list the two ordered pairs. (2 pts) $ \frac{\# af have distance (miks)}{0} $ Two ordered pairs: (0, 0) (3.5, 49 Two ordered pairs: (0, 0) (3.5, 49 Two ordered pairs: (0, 0) (3.5, 49 c. Calculate the slope and explain what it means in the context of this prob $ m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1} \text{ miks} $ Slope = <u>14</u> What does it mean? <u>Geoff rides 14 miles</u> xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: <u>(0, 2.75)</u> (5, 9) b. Calculate the slope and explain what it means in the context of this prob $ m = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx \frac{1}{5} $	
b. Complete the table and list the two ordered pairs. (2 pts) $\frac{\# eff hours}{0} = \frac{distance (m)}{0}$ Two ordered pairs: (0,0) (3.5,49 Two ordered pairs: (0,0) (3.5,49 c. Calculate the slope and explain what it means in the context of this prote $m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1}$ Miles Slope = <u>14</u> What does it mean? Geoff rides 14 miles what does it mean? Geoff rides 14 miles xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: (0, 2.75) (5, 9) b. Calculate the slope and explain what it means in the context of this prote $m = \frac{9-2.75}{5-0} = \frac{6.25}{5} = \frac{14}{5}$	
$\frac{\# & hous}{0} \qquad distance.(m)}{0}$ $\frac{3.5}{49}$ Two ordered pairs: (0,0) (3.5,49) c. Calculate the slope and explain what it means in the context of this prote $m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1}$ $\frac{14}{160}$ Slope = <u>14</u> What does it mean? Geoff rides 14 miles what does it mean? Geoff rides 14 miles is charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 foost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: <u>(0,2.75)</u> <u>(5,9)</u> b. Calculate the slope and explain what it means in the context of this prote $m = \frac{9-2.75}{5-0} = \frac{6.25}{5} = \frac{14}{5}$	
Two ordered pairs: (\bigcirc , \bigcirc) (3.5 , 49 Two ordered pairs: (\bigcirc , \bigcirc) (3.5 , 49 c. Calculate the slope and explain what it means in the context of this prob $m = \frac{49-9}{3.5-9} = \frac{49}{3.5} = \frac{14}{1} \text{ miles}$ Slope = $\frac{14}{5}$ What does it mean? Geoff rides 14 miles what does it mean? Geoff rides 14 miles is charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: $(\bigcirc, 2.75)$ ($5, 9$) b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9-2.75}{5-9} \approx 6.25 = 1.25$	
c. Calculate the slope and explain what it means in the context of this prob $m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1} \text{ miles}$ $Slope = \underline{14}$ $What does it mean? Geoff rides 14 miles$ what does it mean? Geoff rides 14 miles it charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 foost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: (0, 2.75) (5, 9) b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx \frac{1.25}{5} \approx \frac{1.25}{5$	iles)
c. Calculate the slope and explain what it means in the context of this prob $m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1} \text{ miles}$ $Slope = \underline{14}$ $What does it mean? Geoff rides 14 miles$ what does it mean? Geoff rides 14 miles it charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 foost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: (0, 2.75) (5, 9) b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx \frac{1.25}{5} \approx \frac{1.25}{5$	
c. Calculate the slope and explain what it means in the context of this prob $m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1} \text{ miles}$ $Slope = \underline{14}$ $What does it mean? Geoff rides 14 miles$ what does it mean? Geoff rides 14 miles it charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 foost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: (0, 2.75) (5, 9) b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx \frac{1.25}{5} \approx \frac{1.25}{5$	
$m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1}$ miles $slope = \underbrace{14}_{What does it mean}? \underbrace{Geoff rides 14}_{What does it mean}? \underbrace{Geoff rides 14}_{What does 14}_{What does it mean}?$ $xi charges a pick-up fee of $2.75 before going any distance. Marie paid $9^{5} cost per mile?$ a. List the two ordered pairs. (2 pts) Two ordered pairs: $(0, 2.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9-2.75}{5-0} = \frac{6.25}{5} = \frac{14}{5}$ $L.25$)
$m = \frac{49-0}{3.5-0} = \frac{49}{3.5} = \frac{14}{1}$ miles $slope = \underbrace{14}_{What does it mean}? \underbrace{Geoff rides 14}_{What does it mean}? \underbrace{Geoff rides 14}_{What does 14}_{What does it mean}?$ $xi charges a pick-up fee of $2.75 before going any distance. Marie paid $9^{5} cost per mile?$ a. List the two ordered pairs. (2 pts) Two ordered pairs: $(0, 2.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9-2.75}{5-0} = \frac{6.25}{5} = \frac{14}{5}$ $L.25$	lem. (4 pts)
Slope = 44 What does it mean? <u>Geoff rides 14 mile</u> xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: <u>(0, 2.75)</u> <u>(5, 9)</u> b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9-2.75}{5-0} = \frac{6.25}{5} = \frac{1.25}{5}$	
What does it mean? <u>Geoff rides 14 miles</u> xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: <u>(0,2.75)</u> <u>(5,9)</u> b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9-2.75}{5-0} = \frac{6.25}{5} = 1.25$	
What does it mean? <u>Geoff rides 14 miles</u> xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: <u>(0,2.75)</u> <u>(5,9)</u> b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9-2.75}{5-0} = \frac{6.25}{5} = 1.25$	
xi charges a pick-up fee of \$2.75 before going any distance. Marie paid \$9 f cost per mile? a. List the two ordered pairs. (2 pts) Two ordered pairs: $(0, 2.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx \frac{1}{5}$	S. 22 1
a. List the two ordered pairs. (2 pts) Two ordered pairs: $(0, 2.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx 1.25$	s in one hour.
a. List the two ordered pairs. (2 pts) Two ordered pairs: $(0, 2.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9-2.75}{5-0} \approx \frac{6.25}{5} \approx 1.25$	for 5-mile ride. What is the
Two ordered pairs: $(0, a.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9 - 2.75}{5 - 0} \approx \frac{6.25}{5} \approx \frac{1.25}{5}$	
Two ordered pairs: $(0, a.75)$ $(5, 9)$ b. Calculate the slope and explain what it means in the context of this prob $M = \frac{9 - 2.75}{5 - 0} \approx \frac{6.25}{5} \approx \frac{1.25}{5}$	(miles, \$
b. Calculate the slope and explain what it means in the context of this prob $m = \frac{9 - 2.75}{5 - 0} \approx \frac{6.25}{5} \approx \frac{1.25}{5}$	
$m = \frac{9 - 2.75}{5 - 0} \approx \frac{6.25}{5} \approx \frac{1.25}{5}$	lana (Anta)
1.25	
1.25	1.25 (\$)
1.25	l mile
Slope = What does it mean? The taxi charges	
What does it mean? The taxi charges	
	\$1.25 per mile
	I
c. What is the y-intercept and what does it mean in the context of this pro The y-intercept of 2.75 means \$2.75 Fee.	olem? (2 pts)

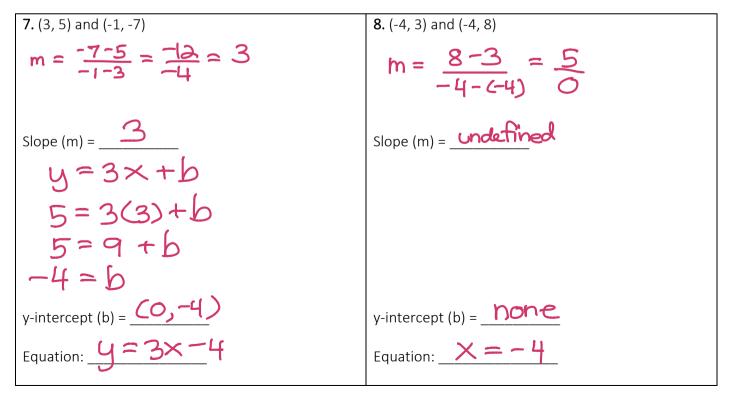
Essential Standard: I can find the slope from two points and a table.

3-6. Find the slope for the following questions. (2 pts each)



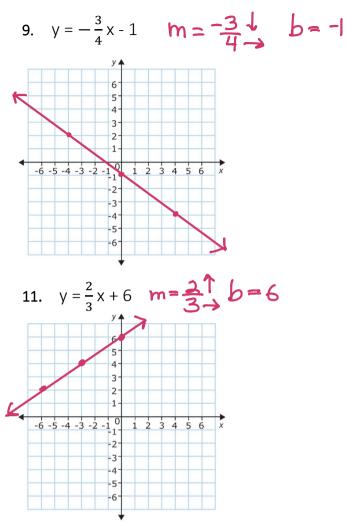
Essential Standard: I can find write linear equations in slope-intercept form.

7-8. Write the slope-intercept form for the line passing through the given points. (4 pts each)

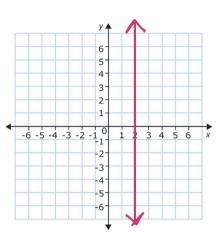


Essential Standard: I can graph equations written in slope-intercept form.

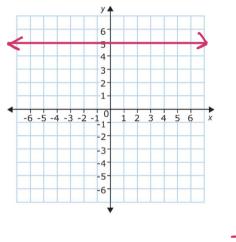
9-12. Graph the following linear equations. (2 pts each)



10. x = -2







13. Charlotte and Tanner are filling up their community pool for swimming. The pool already has **3 feet** of water and the filling rate is **3 feet for every 2 hour**. Write an equation for this situation and graph the equation.

