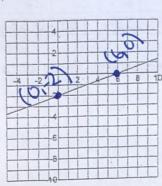
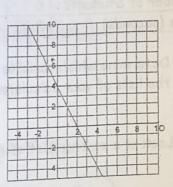
AFM	~ Module 1
rta	Collection

Name:		-NOW-MIA
Date:	Period:	-

1. Write an equation in slope-intercept form for the following graphs.





(a) 4=3x-2

(b) 4 = -2x+4

2. Write an equation in slope-intercept form for the line that passes through the given pair of points.

(5,1), (3,-2) y=1.5x-6.5

3. Your assignment is to make a graph comparing the amount of time you spend studying a week and your test grades.

(a) What is the independent variable?

(b) What is the dependent variable?

Grade 4. The Pizza Palace offers a choice of 4 specials to Leesville students

1 oral cost				
Total Cost	4.25	6.70	11.90	
X Number of Slice	25 8	1.70	11.90	15.60
		-17	18	24
Special	1		3	21
The Pizza Palace off	•	1 2	3	4

(a) What are the independent and dependent variables?

utshoes

(b) find a linear model for this data. Round to the nearest hundredth. 4=.73x-1.67

Slope - Dy Kost

Slope - Dy Kost

(c) Write a sentence giving the real-world meaning of the slope.

The cost increws \$0.73 per suce of pr330.

(d) Write a sentence giving the real-world meaning of the y-intercept. (0,-1.67)

O Sinces of Pozzor Cost - \$1.67.

Sinces Cost

(e) If Pizza Palace offers a 36-slice special, what should they charge based on your equation in part b?

\$24.61

(f) If you have only \$7.10, about how many slices could you buy? (Round down.)

7.1=.73x-1.67

12 Stices

8.77 = . 73x X = 12.01