

MONTGOMERY COLLEGE
Department of Mathematics
Rockville Campus

MA 103 KATIRAIE QUIZ #2 Form B SECTIONS (2.1, 2.2, 2.3) Spring 2007

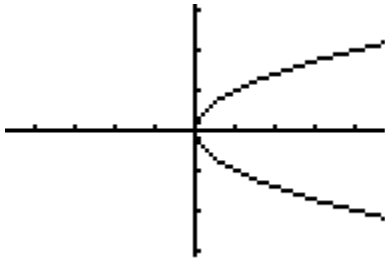
NAME _____ SCORE: ____/ 20
*** RETAIN ALL GRADED PAPERS FOR YOUR RECORDS ***

1. For the relations described below,
mark F if the relations is a **function** and **N** if it is **not**.

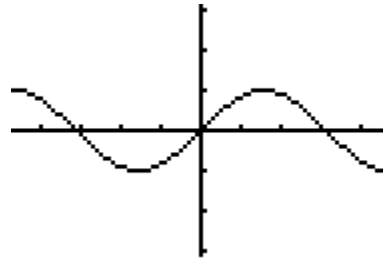
A. $y = 4x - 3y + 8$

B. $x + 5 = 9$

C.



D.



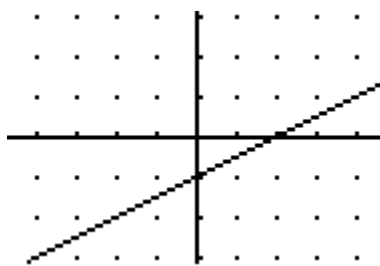
2. Write the Slope – intercept form for a line passing through
the points $(-10, -9)$ and $(-12, -15)$.

3. Write a single linear equation in $y = mx + b$ form with
all of the following properties:

- has a negative slope,
- has a positive y-intercept, and
- would be considered a steep line.

4. Write the Slope - intercept form for a line passing through the points

X	-3	0	3	6
F(x)	2	4	6	8

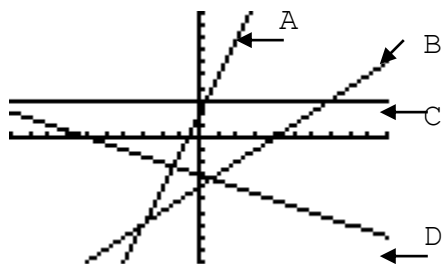


5. Given the Graph of $F(X)$ Estimate the following:

a) $F(4)$

b) The X value so that $F(X) = -1$

6. For the lines sketched below, state whether the slope of the line is positive, negative or zero in the blank provided.



Slope of line A is _____

Slope of line B is _____

Slope of line C is _____

Slope of line D is _____