

# L-I-N-E-A-R EQUATIONS STATION LAB

Name(s) \_\_\_\_\_

Class \_\_\_\_\_ Date \_\_\_\_\_

Your goal is to visit, in any order, each of the 6 lettered stations of the L-I-N-E-A-R Equations lab with your partner(s). Complete the work given there. Check your work for each station with the teacher/answer key. It is important that you get this lab sheet initialed by the teacher before moving on to the next station.

Station	Teacher's Initials/Comments
L	
I	
N	
E	
A	
R	
Lab Completed	

The directions for each station of the L-I-N-E-A-R Lab are given in the frames below.  
The actual problems will be posted at each station.

**STATION L**

For the given graph, find the slope, y-intercept,  
and write the equation for each line.

**STATION I**

Cut out the given graphs & sort them according to slope:

negative, zero, and positive.

**STATION N**

Using each of the three marker boards provided, graph and  
write equations to satisfy the conditions given for each.

**STATION E**

Complete the link sheet to represent the information  
in multiple ways.

**STATION A**

Use your graphing calculator to reproduce the pattern formed  
by linear equations displayed at the station.

**STATION R**

For each of the graph cards, match the graph with its  
equation, table of values, slope and y-intercept.