

# Figure Out What You Will Be Doing Today...

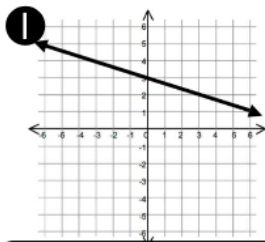
Name \_\_\_\_\_

$$m = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$$

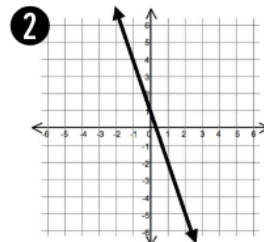
Solve each problem. Then place the letter in the correct spot below.

The first one has been done for you.

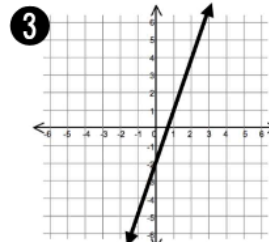
For problems 1-4 find the slope of each line:



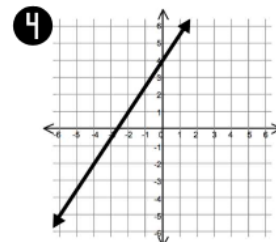
U) slope =  $-\frac{1}{3}$   
A) slope = -3



N) slope = -3  
Z) slope = 3  
K) slope =  $\frac{1}{3}$



S) slope =  $\frac{1}{3}$   
D) slope = -3  
O) slope = 3



I) slope =  $\frac{3}{2}$   
E) slope =  $\frac{2}{3}$   
G) slope =  $-\frac{2}{3}$

For problems 5-7 find the slope of the line represented by each table:

5

x	1	3	5	7
y	5	9	13	17

Show your work

T) slope = 2  
L) slope =  $\frac{1}{2}$   
O) slope = 4  
M) slope = -4

6

x	3	6	9	12
y	-1	0	1	2

Show your work

Z) slope = 3  
A) slope =  $\frac{1}{3}$   
K) slope = -3  
S) slope =  $-\frac{1}{3}$

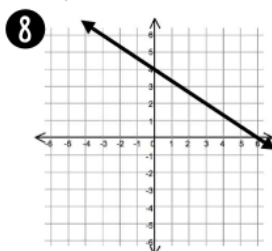
7

x	4	7	10	13
y	-7	-13	-19	-25

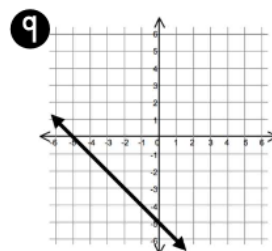
Show your work

O) slope = 2  
D) slope = -3  
I) slope =  $\frac{1}{2}$   
E) slope = -2

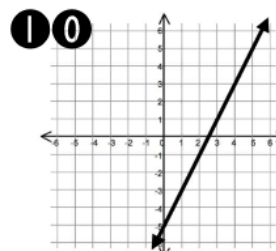
For problems 8-11 find the equation of each line:



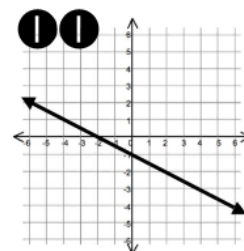
B)  $y = -\frac{2}{3}x + 6$   
M)  $y = -\frac{2}{3}x + 4$



H)  $y = -x - 5$   
Z)  $y = x - 5$



D)  $y = 2x + 2.5$   
B)  $y = 2x - 5$



Z)  $y = -\frac{1}{2}x - 1$   
A)  $y = -2x - 1$

Today you will be

3 2

6

11 3 8 10 4 7

9 U 1 2 5

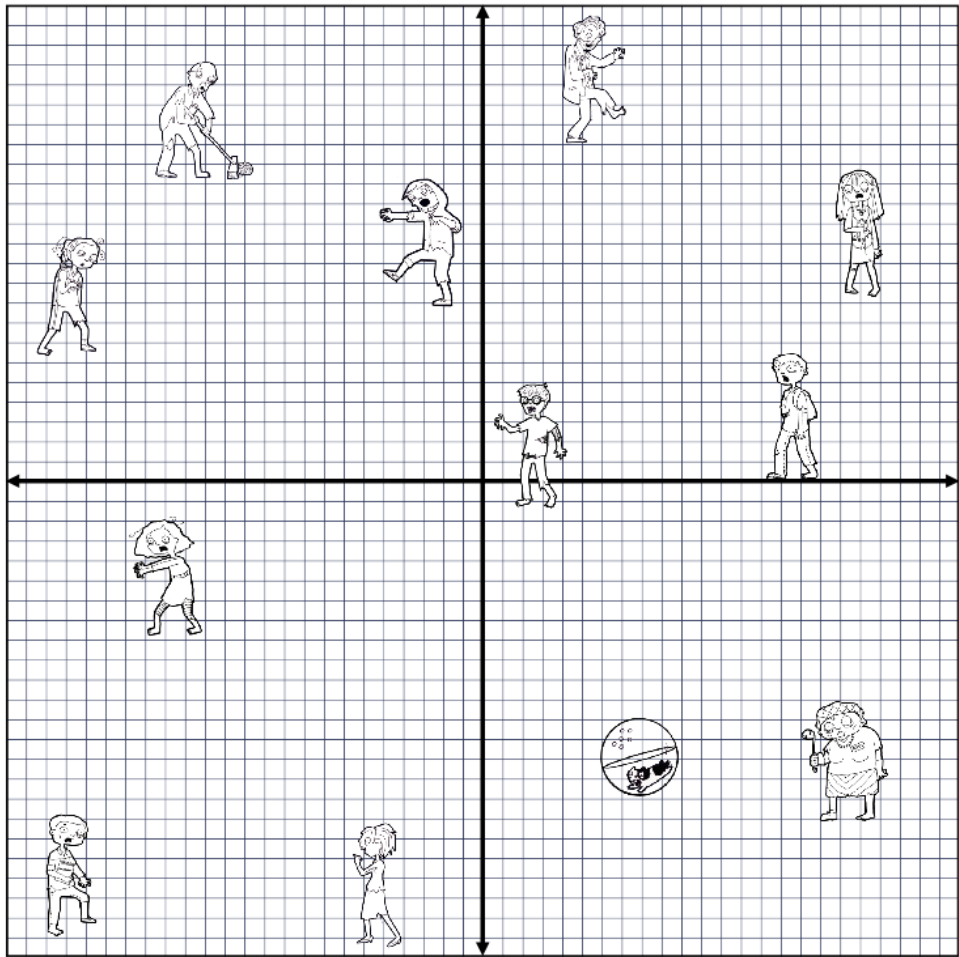
## Graphing Slope-Intercept Form &amp; Killing Zombies

~~Cut out the 12 boxes~~, graph each line,  
and match the equation of the line to the zombie that it "killed"













<sup>1</sup> $y = -\frac{2}{3}x - 16$	<sup>2</sup> $y = -\frac{1}{2}x - 23$	<sup>3</sup> $y = -\frac{3}{2}x - 22$	<sup>4</sup> $y = -\frac{1}{4}x + 22$
<sup>5</sup> $y = x - 23$	<sup>6</sup> $y = \frac{4}{3}x + 7$	<sup>7</sup> $y = \frac{1}{3}x + 7$	<sup>8</sup> $y = \frac{4}{3}x - 2$
<sup>9</sup> $y = -x + 10$	<sup>10</sup> $y = \frac{1}{3}x + 23$	<sup>11</sup> $y = -\frac{2}{5}x - 6$	<sup>12</sup> $y = \frac{1}{2}x - 5$

# Graphing Lines & Killing Zombies

Name \_\_\_\_\_



Graph each line and match it to the zombie that it "kills".  
To kill a zombie the line must run through any part of its body.  
Each line should only kill one zombie. If you kill more than one you were not precise enough.

			
			 $y = -\frac{2}{3}x - 16$
			

Finish for  
Homework