

Name: _____ Class Period: _____

Unit 6: Linear Equations

Record in the chart below and in your Lehi school planner:

1. Assignment and due date,
2. Benchmark quiz dates,
3. Test date (when posted),

If you were absent it is your responsibility to copy the needed information from another student.

Lesson 6 Schedule

Date	Lesson	Learning Target	Assignment	Due Date	✓
	6-1	Patterns with variables			
	6-2	Graphs and Tables			
	6-3	x & y Charts			
	6-4	Slope			
	6-5	x & y Intercepts			
	6-6	Slope Intercept			
	6-7	Patterns			
	6-8	Interpreting linear graphs			
	Review				
	Test				

Announcements

Unit 6: Learning Target Benchmarks

Students will pass the following benchmarks	Page #	Date	Score	1 st Retake	2 nd retake	Passed (✓)
x-y Charts	Pg. 389					
Slope	Pg. 403					
x-y intercepts	Pg. 409					
Graphing Equations	Pg. 389/409					

Benchmark Quiz Practice Questions: (Key will be posted on the Benchmark board)

x-y Charts: Make an x-y chart with 4 solutions for each equation.

1. $y = 2x + 4$

X	Y
-1	
0	
1	
2	

2. $y = \frac{1}{2}x - 3$

X	Y
-1	
0	
1	
2	

3. $3x + y = 6$

X	Y
-1	
0	
1	
2	

4. $y = 5$

X	Y
-1	
0	
1	
2	

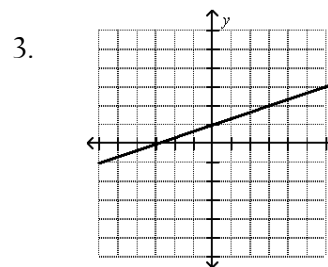
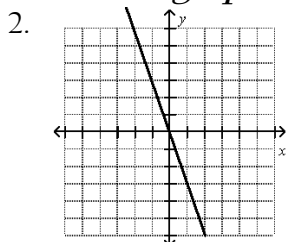
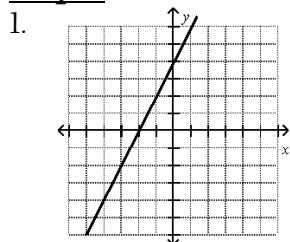
5. $y = -3x - 2$

X	Y
-1	
0	
1	
2	

6. $x = -2$

X	Y
-1	
0	
1	
2	

Slope: Find the slope of each line on the graphs below

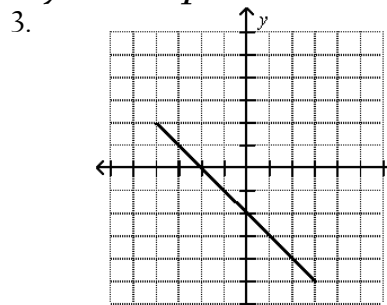
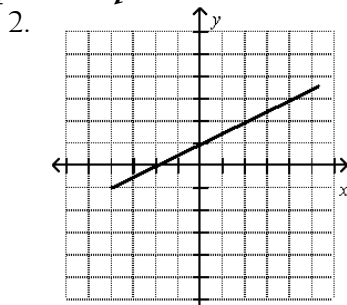
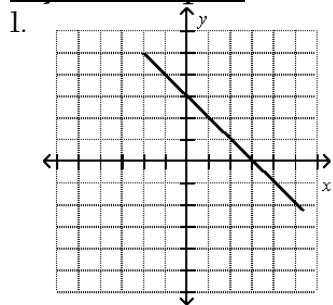


4. What is the slope of the line containing the ordered pairs (5, -1) and (2, 3)?

5. What is the slope of the line containing the ordered pairs (4, -2) and (-2, 1)?

6. What is the slope of the line containing the ordered pairs (-1, 0) and (1, 3)?

x-y Intercepts: For each graph or equation state the x and y intercepts.



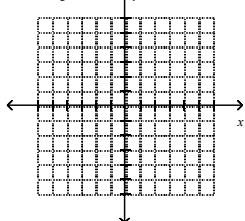
4. $x + y = 7$

5. $y = 2x + 1$

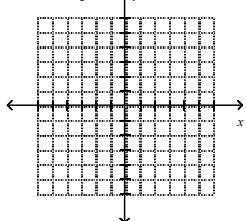
6. $x + 2y = 4$

Graphing Equations: Graph each equation using any method of your choice.

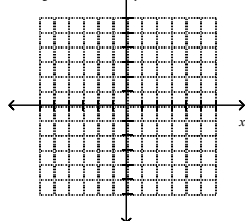
1. $y = 3x + 1$



2. $2x + y = 2$



3. $y = 3$



4. $y = \frac{1}{3}x - 2$

