Unit 1 – Linear Relations HW list

Tentative TEST date _____

Big idea/Learning Goals

In real life there are relationships that depend upon variables. For example, earnings versus time worked, or pressure under water versus depth, or distance travelled versus time. Some of these relationships are **linear**, which means if you plot the two variables against each other you would get a line of constant slope. In this unit you will learn how to calculate slope, graph linear relationships and find equations of these relationships.

You should complete the following practice topics independently. You may not be independent right away, and that is ok, ask for help, use examples in notes, however on the day of the test, remember that you must do the questions without any help or notes

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website www.mrsk.ca

Success Criteria

Date	DAY	Topics	Done?	Corrected?
	1	Y=mx+b Form & Graphing Lines using Slope and Y-intercept		
	2	Graph Lines using Intercepts & Table of Values		
	3	Finding Equations of Lines from Word Problems		
		Catch up DAY?		
	4	Finding Slope from Graphs & Find Equation of Lines		
	5	Finding Equation of Lines from Graphs		
	6	Finding Equations of Lines from different given information		
	7	More Finding Equations		
	8	Properties of Slope		
		Catch up DAY?		
	9	More Graphing		
	10	Practice Test		

Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Title	Unit	Category	Type	Weight Factor	Mark (%)	Remarks
TEST Linear Relations	TEST1	KU	Summ	31.4	47	
TEST Linear Relations	TEST1	APP	Summ	20.0	47	
TEST Linear Relations	TEST1	TIPS	Summ	6.7	71	
Communication	other	COMM	Summ	6.7	69	
U1bookletCompletion	other	homework	Form	3.3	31	

Results by UNIT

Unit	Number of Entries	% of MATH	Mark (%)
other	6	42.0	60
TEST1	3	58.0	49

Use the following formula and the marks for TEST1 provided above(left) to show how the weighted averages work to give you the final mark shown above (right)

$$\text{Test Average} = \frac{\left(\dfrac{\text{K\&U}}{\text{mark}} \times \text{weight}\right) + \left(\dfrac{\text{APP}}{\text{mark}} \times \text{weight}\right) + \left(\dfrac{\text{TIPS}}{\text{mark}} \times \text{weight}\right)}{\text{all weights added together}} \times 100\%$$

Show
Steps!