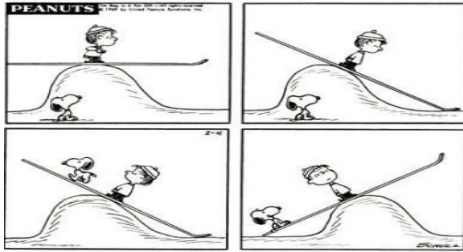


## UNIT 2: LINEAR RELATIONS

GRAPH A LINE AND WRITE THE EQUATION OF A LINE FROM GIVEN INFORMATION

**IT'S ALL ABOUT SLOPE!!!**

<i>Day</i>	<i>Topic</i>	<i>Practice</i>
1	The Cartesian Plane; Ordered Pairs The SLOPE of a line <b>SLOPE:</b> $m = \frac{\text{rise}}{\text{run}}$	Finding Slope from a Graph
2	Slope Between Two Points <b>SLOPE:</b> $m = \frac{\text{rise}}{\text{run}} = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$	Slope Between Two Points
3	Graphing Lines from a Table of Values	Tables of Values & Graphing
4	<b>QUIZ</b> Find Slope: Table of Values and Equations	Slope and Rate of Change
5	The EQUATION OF A LINE $y = mx + b$	Slope Y-intercept Form
6	<b>QUIZ</b> The EQUATION OF A LINE $Ax + By + C = 0$	Rearranging Standard Form
7	Properties of Lines: Parallel, Horizontal, Vertical	Properties of Lines
8	Determining Equations of Lines – Part 1	Using Slope and a Point
9	Determining Equations of Lines – Part 2	Given Two Points
10	Applications	Application Problems
11	<b>Review - Practice Test</b>	Review
12	<b>Unit Test</b>	



**Parallel lines**

**have so much in  
common...**



**it's a shame that  
they'll never  
meet.**