7) Given the following graph



9) Find the slope of the line containing (-3, 4) and (1, 2)

$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{2 - 4}{1 - 3} = \frac{-2}{4} = \frac{-1}{2}$$

10) A treadmill is 5 feet long is set to mimic an incline. Then end is 0.5 feet higher than the beginning. What is the slope (grade) of the treadmill?

