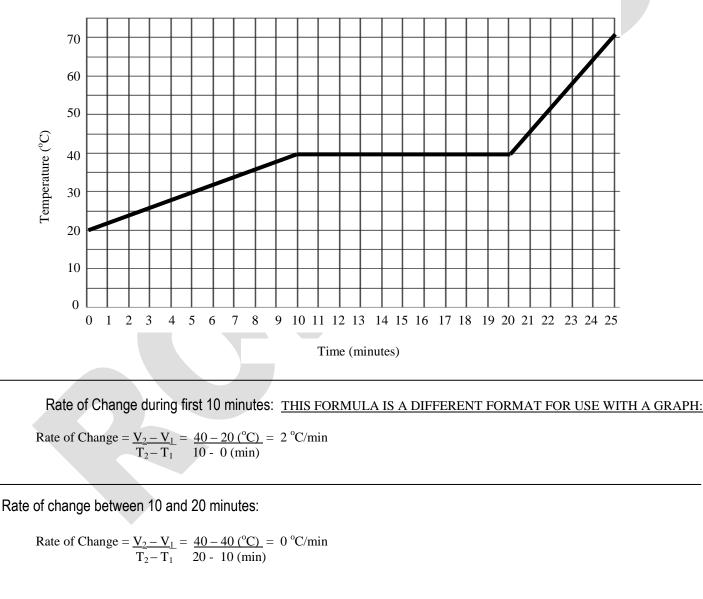
Date _____

Topic:Measurement and GraphingAim:How is rate of change determined on a graph?

Rate of Change and the Slope of a Line: The <u>steeper</u> the slope, the <u>faster</u> the rate. The more <u>gradual</u> (flatter) the slope, the <u>slower</u> the rate.





Rate of Change between 20 and 25 minutes:

Rate of Change = $\frac{V_2 - V_1}{T_2 - T_1} = \frac{70 - 40 (^{\circ}C)}{25 - 20 (min)} = 6 ^{\circ}C/min$