

Name _____

Date _____

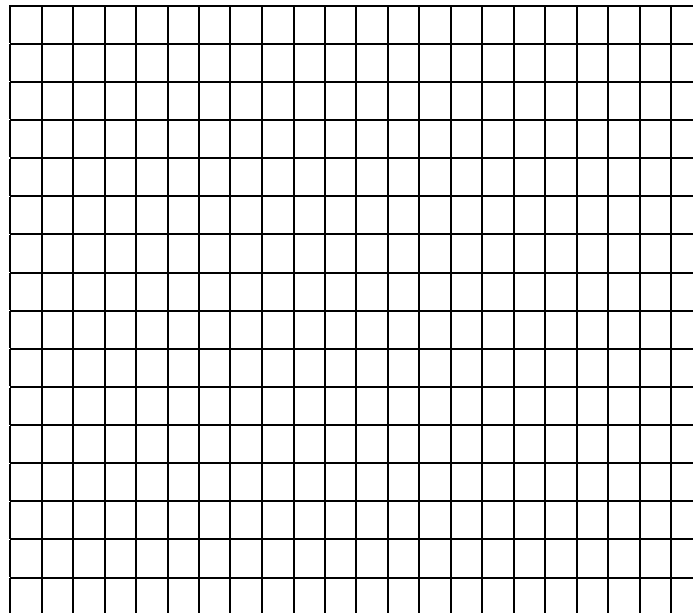
Graphing Practice

A student did an experiment to see how temperature affects the growth of mineral crystals from September 10th – September 17th. Crystal A was placed in a chamber with a temperature of 10°C and crystal B was in a chamber that had a temperature of 20°C.

1. Set up the graph correctly labeling all parts
2. Plot the data the student collected during the experiment.
3. Answer the questions on the bottom and the next page that refer back to this experiment

Data Chart

Time (days)	0	1	2	3	4	5	6	7
Crystal A Length (cm)	1	4	7	8.5	9.5	10.0	10.5	10.8
Crystal B Length (cm)	1	5.5	9	12	13.5	14.5	15.0	15.3



1. Which crystal had the faster rate of growth? Without referring to numbers, how did the line graph show which crystal grew the fastest?

2. What conclusion can be drawn from the experimental results?

3. According to the graph, approximately how many centimeters did Crystal B grow after 1½ days? _____