

CGC1D1: Climate Graph Assignment

Name: _____ Section: _____ Date: _____

Part 1: Application	/12
Part 2: Knowledge/Understanding	/8
Part 3: Thinking/Inquiry & Communication	/6

Climate station raw data:

Station A	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	-5.8	-6.0	-1.7	3.6	9.4	14.7	18.3	18.1	13.8	8.5	3.4	-3.0
Precip. (mm)	146.9	119.1	122.6	124.4	110.5	98.4	96.8	109.6	94.9	128.9	154.4	167

Station B	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	-17.0	-13.0	-5.8	4.4	11.5	16.0	18.2	17.3	11.2	4.5	-6.2	-14.3
Precip. (mm)	15.2	10.3	14.7	23.9	49.4	61.1	60.1	38.8	30.7	16.7	13.3	15.9

Using the raw data above, complete the following:

Part 1. Using the graph paper provided by your teacher, create two separate climate graphs for station A and station B. **(Application 2 x 6 = _____/12 marks)**

Part 2. Using the two climate stations above, calculate and complete the chart below. You may refer to page 156 in your textbook for help with this. **(Knowledge/Understanding = _____/8 marks)**

Location	Average Temperature	Total Precipitation	Season of maximum precipitation	Continental or maritime
Station A				
Station B				

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Part 3. Where do you think each climate station is located? e.g coastal location, or inland location? Possible city? Give two reasons for each location explaining how you came to your location decision.

(Thinking/Inquiry & Communication = _____ 6 marks)

Location of station A is: _____

Because:

(i) _____

(ii) _____

Location of station B is: _____

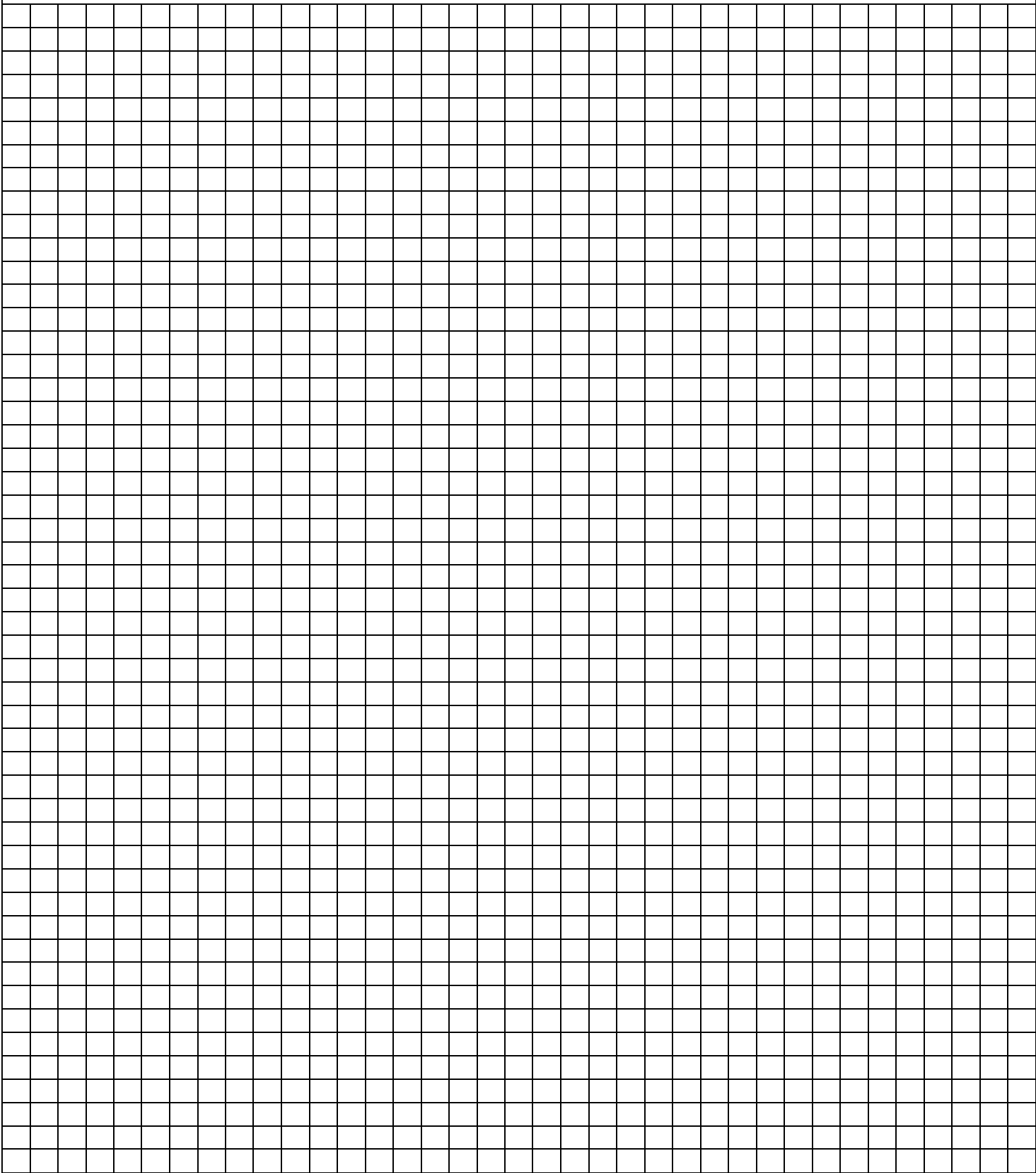
Because:

(i) _____

(ii) _____

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Station A



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Station B

