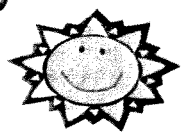
From Prince George to Halifax ... bathing suits or parkas, umbrellas or sunscreen?



Assignment (100 marks)

You will be completing a project showing the different types of climates we have across Canada.

1. A) On the large blank map of Canada, draw the boundaries of the seven climate regions. Colour and label each region.

   B) Place a dot on the map and to show the location of each of the eight cities in the chart below. (20 marks)

2. Create one climate graph of each climate region in Canada (temperature, precipitation). (8 marks each = 64 marks)

Climate Region	City
Pacific	Vancouver, BC
Mountain	Whitehorse, YK
Sub Arctic	Yellowknife, NWT
Prairie	Calgary, AB
Lower Lakes	Toronto, ONT
Atlantic	Goose Bay, NFLD
Arctic	Resolute, NWT
Prairie	Churchill, MAN

3. Once you have finished the climate graphs, answer the following questions: (2 marks each = 10 Marks)
   a. Which city has the largest temperature range? Why?
   b. Which city has the smallest temperature range? Why?
   c. In which city would you need an umbrella for the most number of days? (Hint: compare monthly precipitation)
   d. If you built a snowman, in which city would it last the longest? (Hint: compare the number of months below 0 degrees Celsius).
   e. Based on the climate, in which city would you most want to live? Tell me two reasons why you chose this city.

4. Assemble ALL the information above (map, eight climate graphs, and answers to all 5 questions). Spelling, neatness and using proper mapping skills. (6 marks)

Location:_____

Latitude:_____ Longitude:_____

Annual Precipitation:_____

Average Annual Temperature:_____

Temperature Range:_____

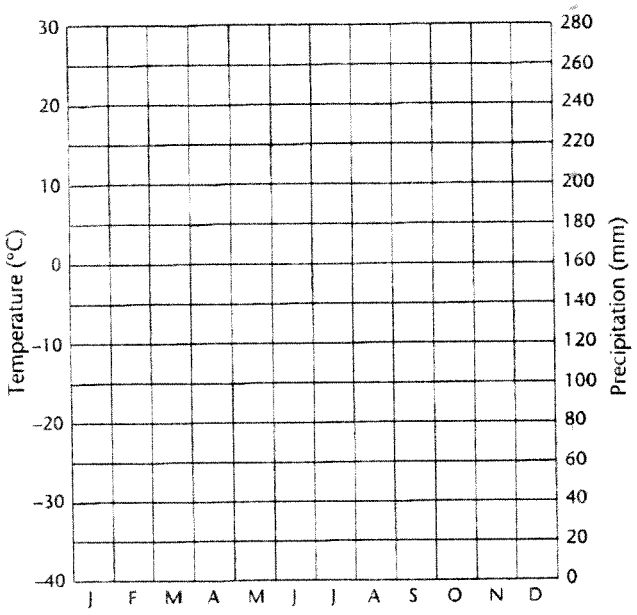
Location:_____

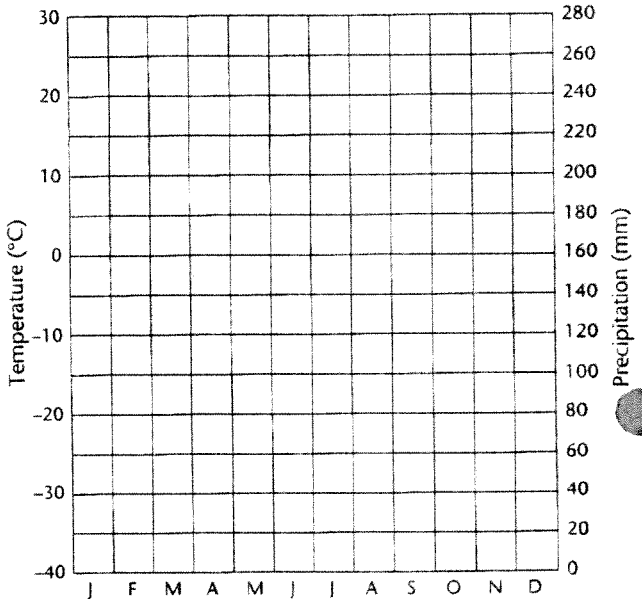
Latitude:_____ Longitude:_____

Annual Precipitation:_____

Average Annual Temperature:_____

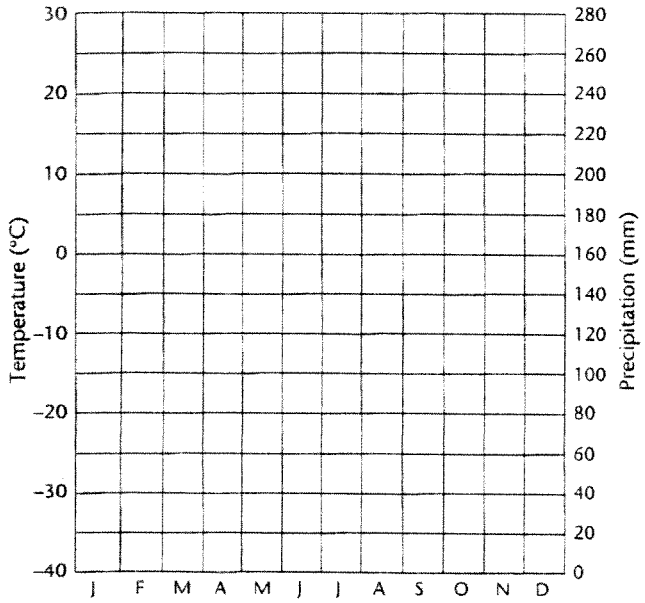
Temperature Range:_____





LOCATION Altitude, Latitude & Longitude	J	F	M	A	M	J	J	A	S	O	N	D	Year
Resolute, N.W.T. 64m 75°N 95°W	-32.6 3	-33.5 3	-31.3 3	-23.1 6	-10.3 9	-0.3 12	4.3 26	2.7 30	-4.9 18	-14.7 15	-24.1 6	-28.2 5	-16.4 136
Whitehorse, Y.T. 698m 61°N 135°W	-18.9 18	-13.2 14	-7.7 15	-0.1 11	7.1 14	12.4 29	14.1 33	12.3 36	7.8 29	0.7 20	-9.0 22	-15.8 20	-0.8 261
Vancouver, B.C. 5m 49°N 123°W	2.4 147	4.4 147	5.8 117	8.9 61	12.4 48	15.3 45	17.4 30	17.1 37	14.2 61	10.1 122	6.1 141	3.8 165	9.8 1121
Calgary, Alta. 1079m 51°N 114°W	-10.9 17	-7.4 20	-4.3 20	3.3 30	9.3 50	13.2 92	16.5 68	15.2 56	10.7 35	5.7 19	-2.6 16	-7.6 15	3.4 438
Churchill, Man. 35m 69°N 94°W	-27.6 14	-26.7 13	-20.3 18	-11.0 24	-2.3 28	6.1 40	12.0 49	11.4 58	5.7 52	-1.0 40	-11.9 40	-21.8 20	-7.2 396
Toronto, Ont. 116m 43°N 79°W	-4.4 62	-3.8 57	0.6 66	7.6 67	13.2 73	19.2 63	21.8 81	21.1 67	17.0 61	11.2 62	4.8 67	-1.8 64	8.9 790
Goose Bay, Nfld. 44m 53°N 60°W	-16.3 69	-14.4 60	-8.4 69	-1.8 54	4.9 62	11.1 82	15.8 102	14.5 93	9.8 76	3.2 72	-3.6 70	-12.3 68	0.2 877
Halifax, N.S. 41m 45°N 63°W	-3.8 147	-4.2 128	-0.7 112	4.0 105	9.0 110	13.7 85	17.6 92	17.8 94	14.8 94	9.9 113	4.9 152	-1.1 148	6.8 1380

Location:_____
Latitude:_____ Longitude:_____
Annual Precipitation:_____
Average Annual Temperature:_____
Temperature Range:_____



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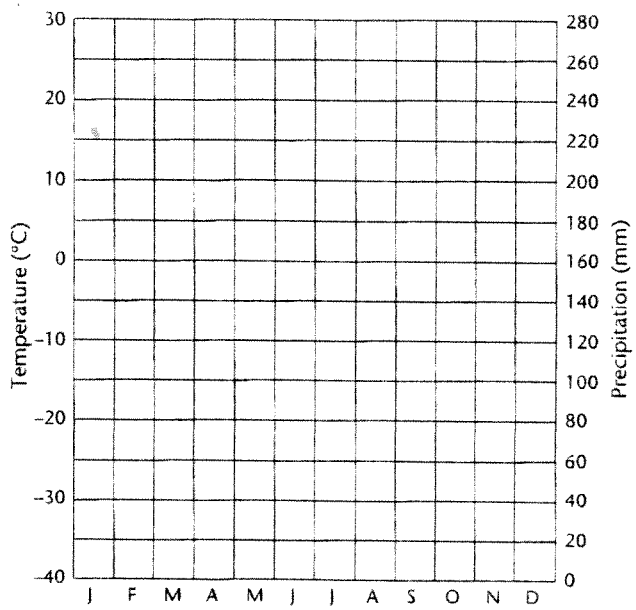

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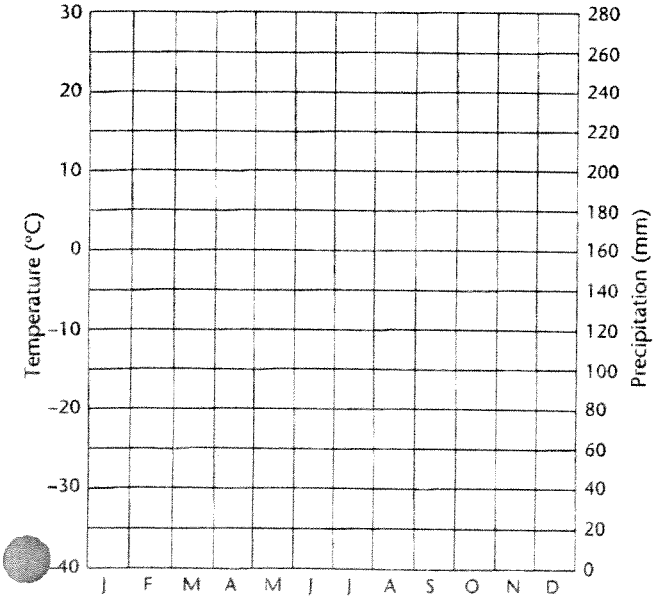

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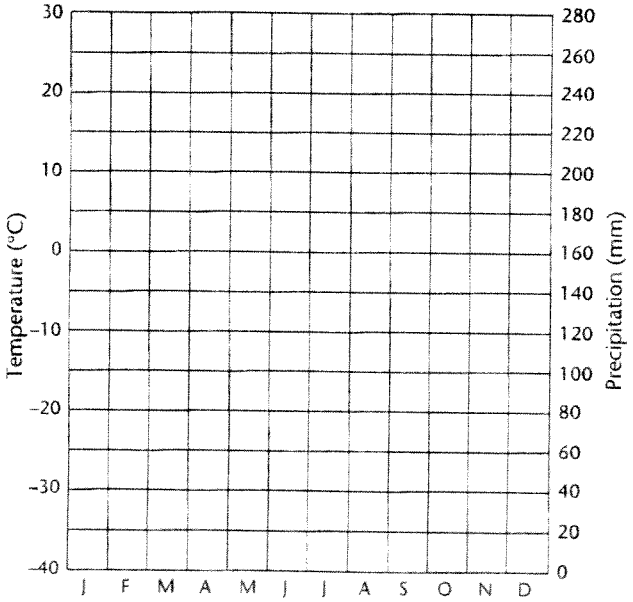

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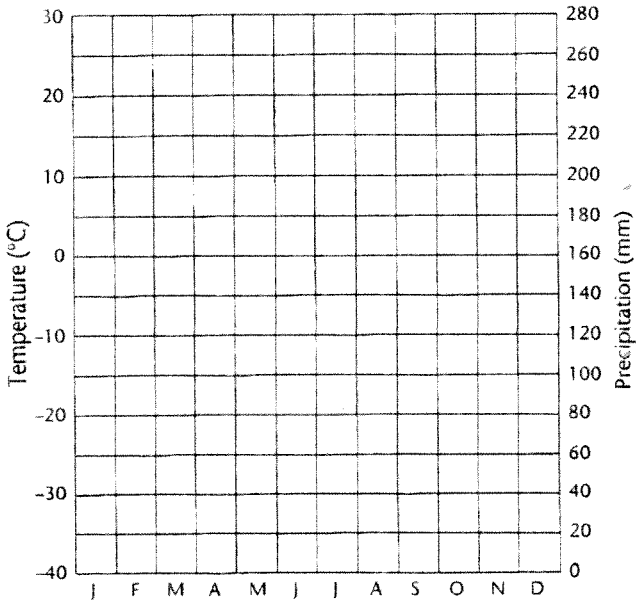

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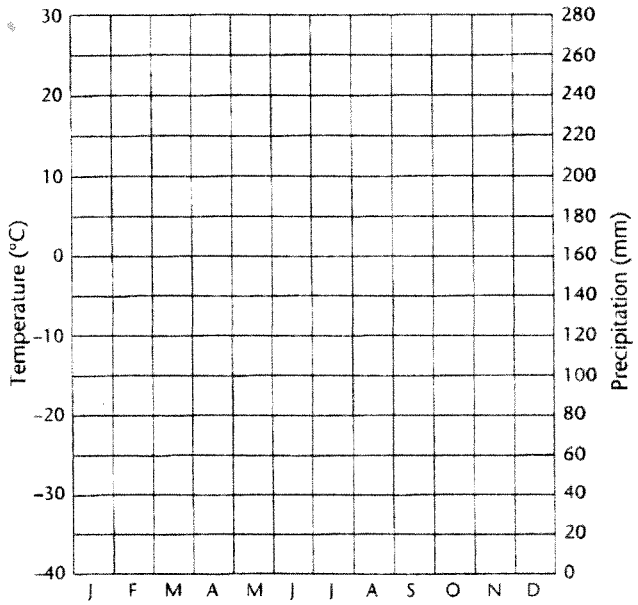

Questions

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