CLIMATE GRAPH MATCHING

Name:	Date:	
Instructions:	Match each city on the world map to its climate graph.	

For each city, consider latitude, elevation, and nearness to water.



What affects climate?

• Latitude:

- o polar climate (near North/South pole): very cold winters, cool summers
- o tropical climate (near equator): hot temperatures every season, wet conditions
- o temperate climate (in between): moderate conditions year round
- o desert climate: dry conditions around 23.5° latitude (Tropic of Cancer/Capricorn)
- o Northern hemisphere: warmest around July
- o Southern hemisphere: coolest around July

• Elevation:

o mountain climate: cooler than places at lower altitudes

• Nearness to water:

- o maritime climate (near ocean/sea): more moderate, wetter conditions
- o continental climate: hot summers, cold winters, drier conditions

Min temp:	
Max temp:	Climate Graph A
Hemisphere:	120
Other info:	(E) 100 5 80
This must be a climate graph for:	(m) 80 80 40 20 0 J F M A M J J A S O
Min temp:	Climate Graph B
Max temp:	350
Hemisphere:	
Other info: <u>high annual precipitation</u>	150 (mg) 200 (mg) 100
This must be a climate graph for:	50 0 J F M A M J J A S O
	J F M A M J J A S O
	1
Min temp:	Climate Graph C
Min temp: Max temp:	4.5
	4.5
Max temp:	4.5
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Max temp: Hemisphere:	4 (m) 3.5 2.5 di 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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15

D

25

20 Temperature (°C) 5

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19.2

18.8 Temperature (°C)

18

17.8 17.6

D

D

N

D

Min temp: Max temp: Hemisphere: Other info: This must be a climate graph for:	Climate Graph E 180 160 140 120 15 Temperature (°C) 15 Temperature (°C) 15 Temperature (°C) 16 Temperature (°C) 17 Temperature (°C) 18 Temperatur
Min temp:	Climate Graph F
Max temp:	30 35
Hemisphere: Other info:	25 Temperature 25 25 Para 25 P
This must be a climate graph for:	J F M A M J J A S O N D
Min temp:	Climate Graph G
Min temp: Max temp:	70 25 20
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Max temp:	70 60 - 20 - 15
Max temp: Hemisphere: Other info:	70 60 15 10 10 10 10 10 10 10 10 10 10 10 10 10
Max temp: Hemisphere: Other info: This must be a climate graph for:	25 20 15 10 10 10 10 10 10 10 10 10 10 10 10 10
Max temp: Hemisphere: Other info: This must be a climate graph for: Min temp:	25 20 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10