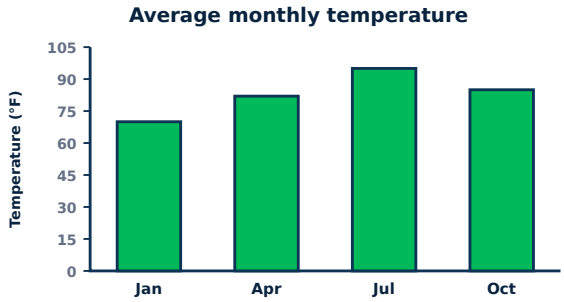
Climates Around the World

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. This place gets almost no rain all year. Use the temperature graph. Which climate fits?



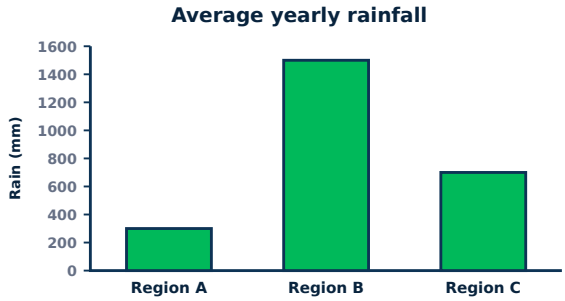
polar climate rainforest climate desert climate temperate climate

2. A desert can be very hot in the day but close to freezing at night. What does this show?
deserts stay cold day and night
desert temperatures can change a lot between day and night
desert temperatures do not change
deserts stay hot day and night

3. Why do rainforests near the equator stay warm and wet all year?
they are near the North Pole
they get strong sunlight and steady rain all year
cold ocean currents flow nearby
tall mountains shade them

4. A city at sea level averages 75°F in July. A mountain town nearby, much higher up, averages 55°F. What is the most likely cause?
the mountain town is closer to the equator
the mountain town's higher elevation
the city at sea level gets more rain
the mountain town gets more daylight

5. Use the graph. Which region would most need to save water for crops?



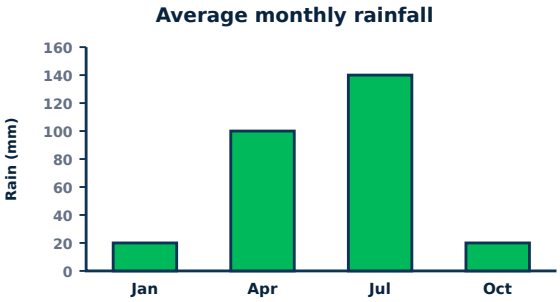
all three need the same Region A Region B Region C

6. Which question can be answered with climate data, not weather data?
Is it windy right now?
How hot was it at noon today?
Is this town usually snowy in January?
Will it snow here tomorrow?

7. City X averages 85°F and gets about 250 mm of rain every month. Which climate fits?
temperate climate
desert climate
tropical rainforest climate
grassland climate

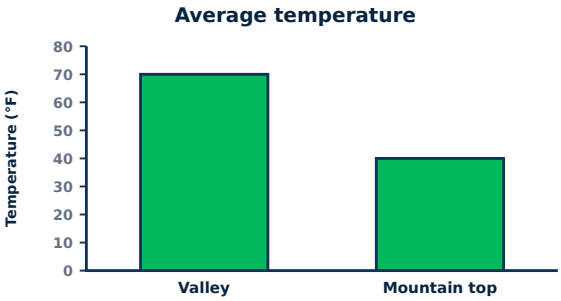
8. Why do farmers in a temperate climate plant crops in spring, not in winter?
winter has the most sunlight
spring has the least rain
winters are usually too cold for crops to grow
winter soil has the most water

9. Use the rainfall graph. How much more rain falls in July than in January?



160 mm 120 mm 140 mm 100 mm

10. The graph shows average temperatures in a valley and on a nearby mountain top. How many degrees cooler is the mountain top?



110 degrees 40 degrees 70 degrees 30 degrees

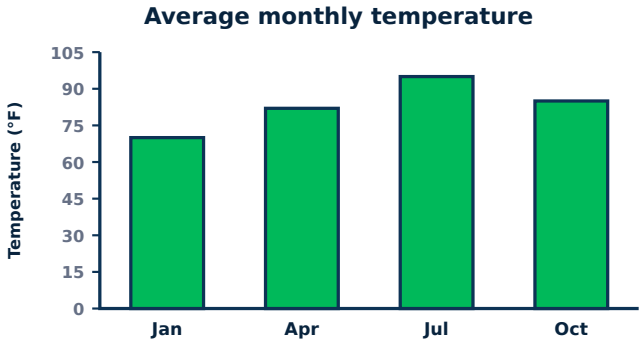
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Climates Around the World

Answer Key - Grade 3 Science Worksheet - Challenge Me

Circle the answer.

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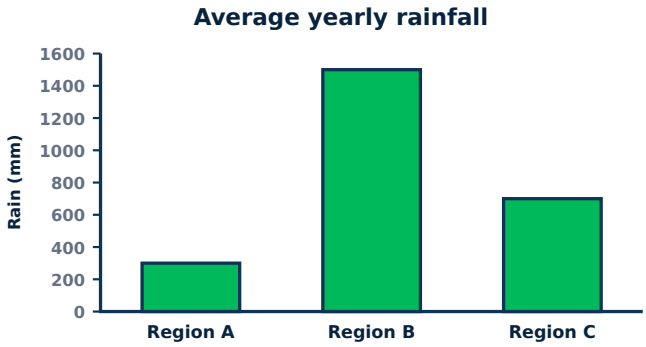
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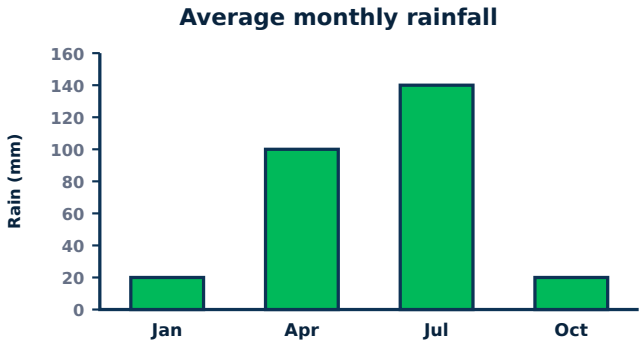
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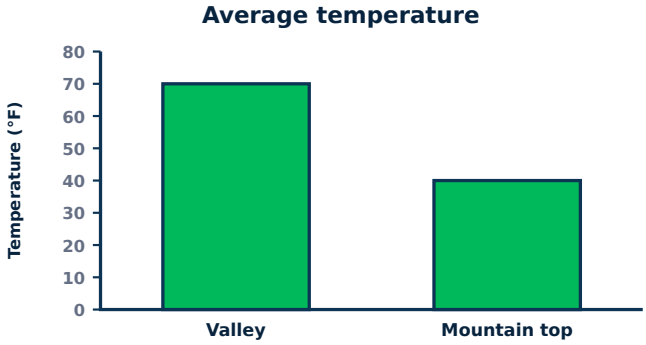
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