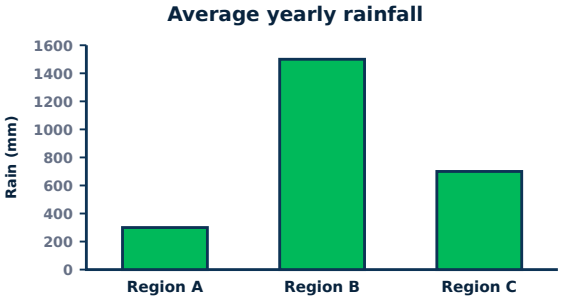
Climates Around the World

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

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



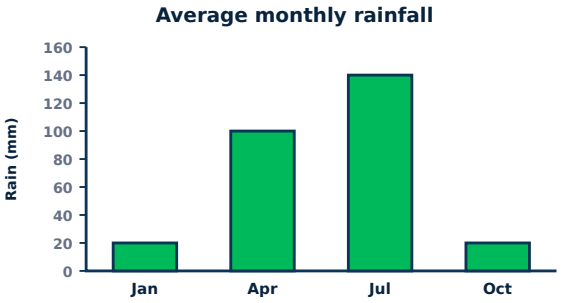
Region C all three need the same Region B Region A

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

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

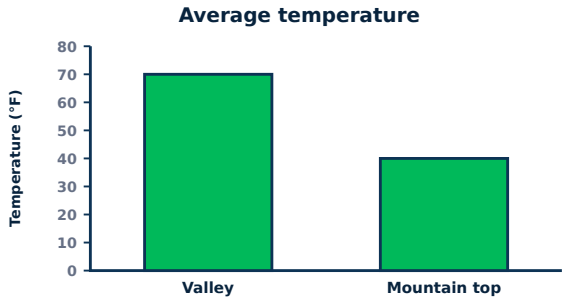
4. Why do farmers in a temperate climate plant crops in spring, not in winter?
   - winter has the most sunlight
   - winters are usually too cold for crops to grow
   - winter soil has the most water
   - spring has the least rain

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



120 mm 140 mm 160 mm 100 mm

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

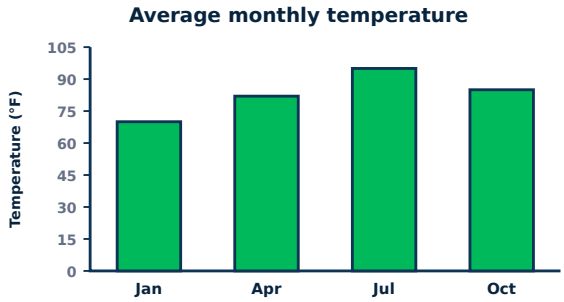


70 degrees 110 degrees 40 degrees 30 degrees

7. Two cities are the same distance from the equator. City A is on the coast; City B is far inland. Which data would show which has milder winters?
today's temperature in each city
average January temperatures for both over many years
the rain in City A last week
the number of people in each city

8. A region has a wet season and a dry season and stays warm all year. Which data pattern fits?
rain is near zero in every month
rain is high in every month
temperatures fall below freezing in winter
rain is high in some months and near zero in others

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



polar climate temperate climate desert climate rainforest climate

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

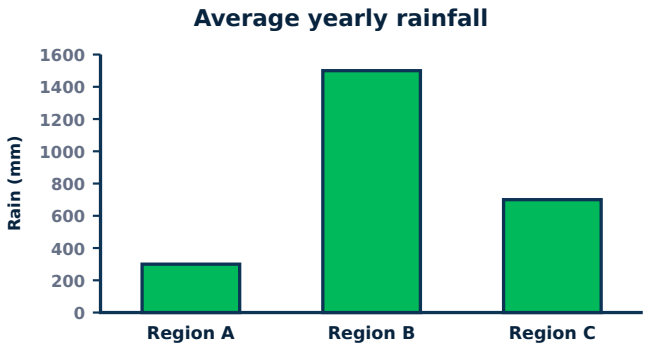
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Answer Key - Grade 3 Science Worksheet - Challenge Me

Circle the answer.

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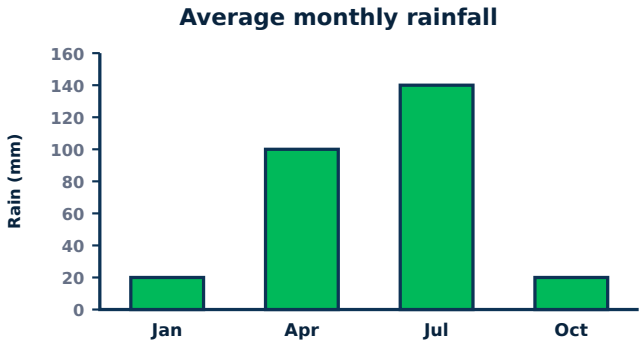
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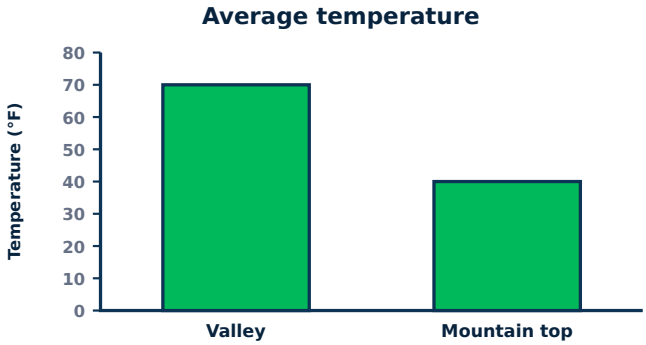
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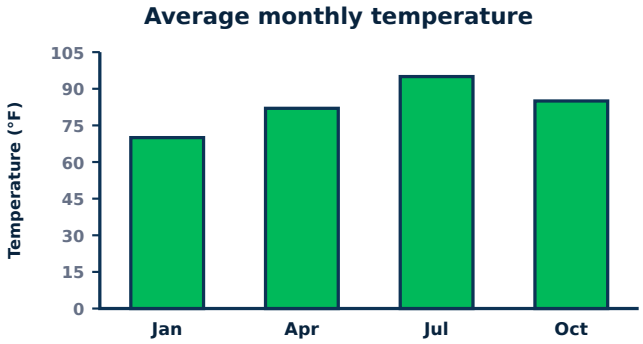
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