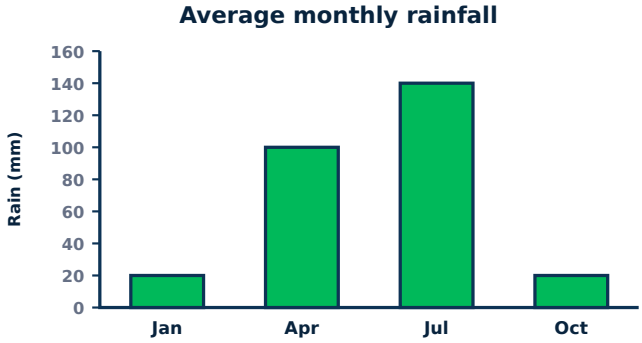
Climates Around the World

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

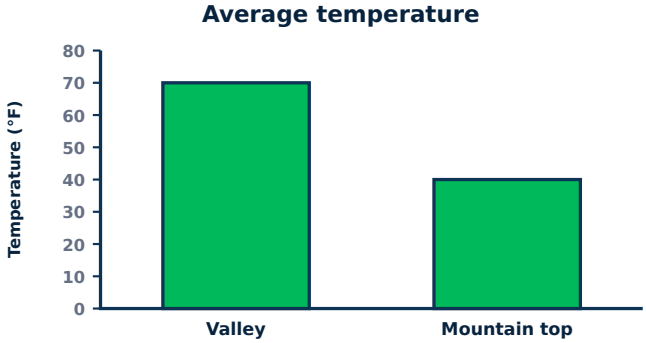
Circle the answer.

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



120 mm 140 mm 100 mm 160 mm

2. 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

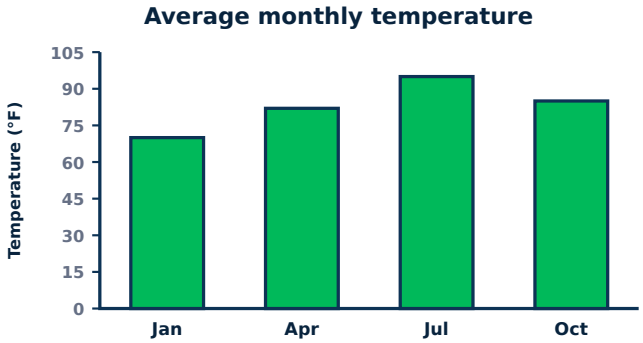
3. Two cities are the same distance from the equator. City A is on the coast; City B is far inland. Which data would show which has milder winters?

the number of people in each city
the rain in City A last week
average January temperatures for both over many years
today's temperature in each city

4. A region has a wet season and a dry season and stays warm all year. Which data pattern fits?

rain is high in every month
rain is near zero in every month
rain is high in some months and near zero in others
temperatures fall below freezing in winter

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



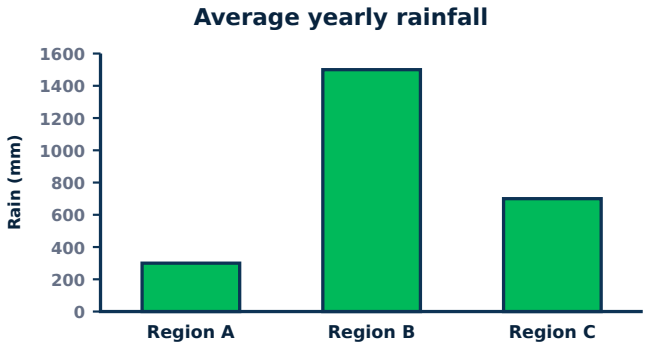
rainforest climate polar climate temperate climate desert climate

6. 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
deserts stay cold day and night
desert temperatures can change a lot between day and night
desert temperatures do not change

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

8. 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 city at sea level gets more rain
the mountain town's higher elevation
the mountain town gets more daylight
the mountain town is closer to the equator

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



Region A Region B all three need the same Region C

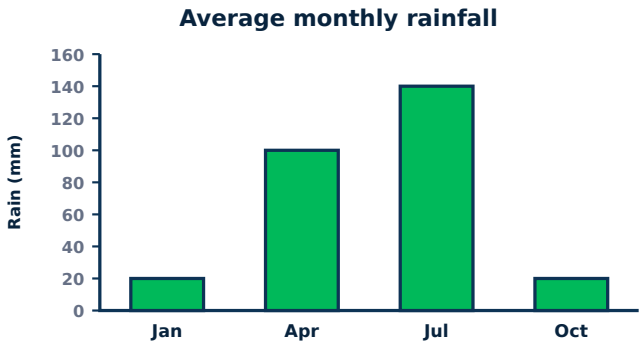
10. Which question can be answered with climate data, not weather data?
Will it snow here tomorrow?
Is it windy right now?
Is this town usually snowy in January?
How hot was it at noon today?

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Answer Key - Grade 3 Science Worksheet - Challenge Me

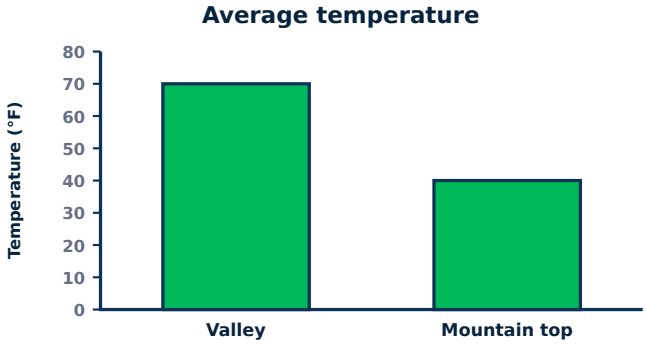
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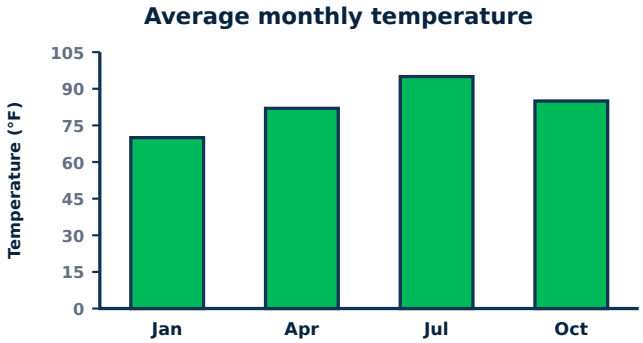
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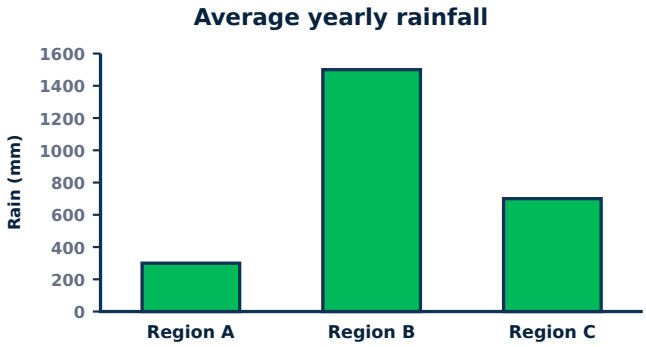
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