Climates Around the World

Grade 3 Science Worksheet - Challenge Me

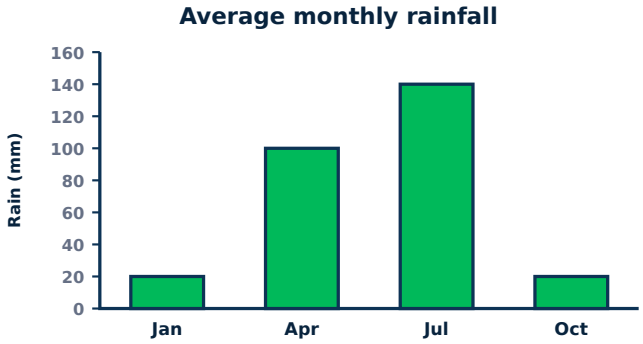
Name _____ Date _____

Circle the answer.

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

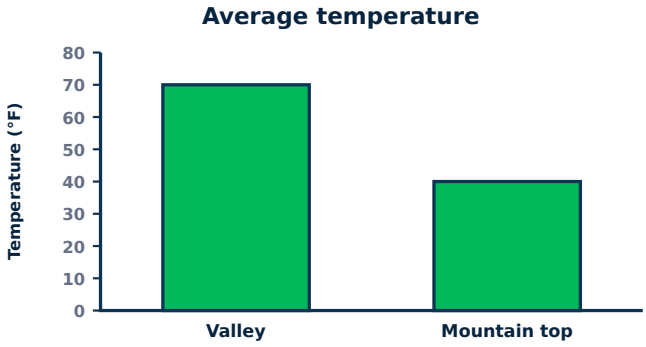
2. Why do farmers in a temperate climate plant crops in spring, not in winter?
   spring has the least rain
   winters are usually too cold for crops to grow
   winter soil has the most water
   winter has the most sunlight

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



160 mm 140 mm 120 mm 100 mm

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

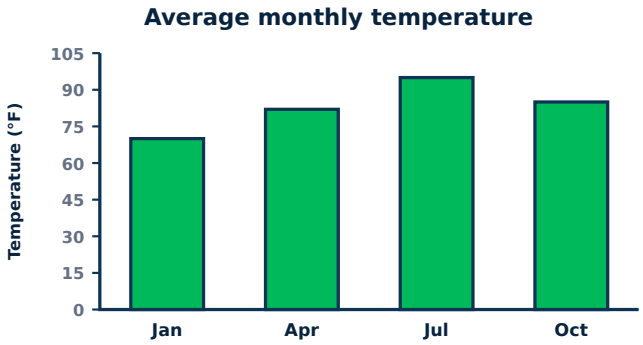


70 degrees 30 degrees 40 degrees 110 degrees

5. 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
   today's temperature in each city
   average January temperatures for both over many years
   the rain in City A last week

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

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



   polar climate temperate climate rainforest climate desert climate

8. 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 do not change
   deserts stay hot day and night
   desert temperatures can change a lot between day and night

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

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

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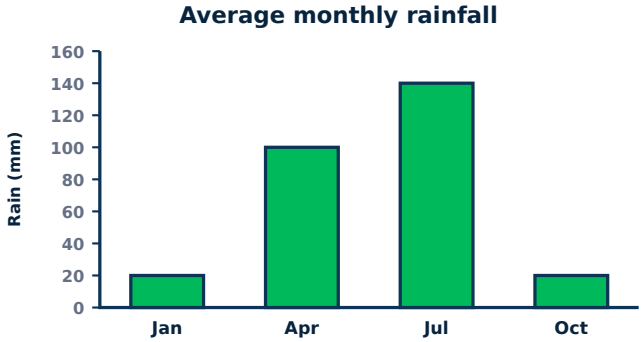
Answer Key - Grade 3 Science Worksheet - Challenge Me

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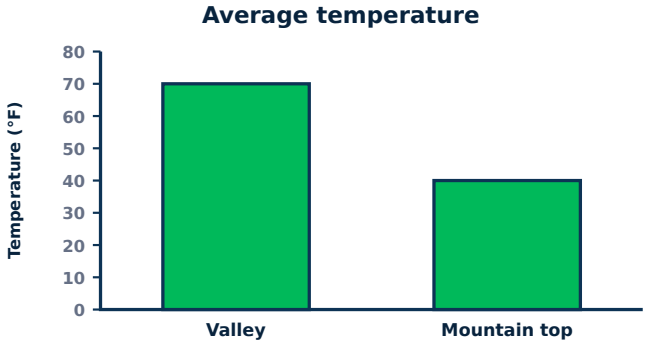
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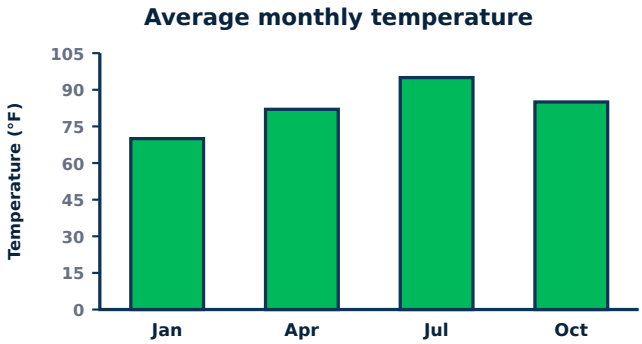


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