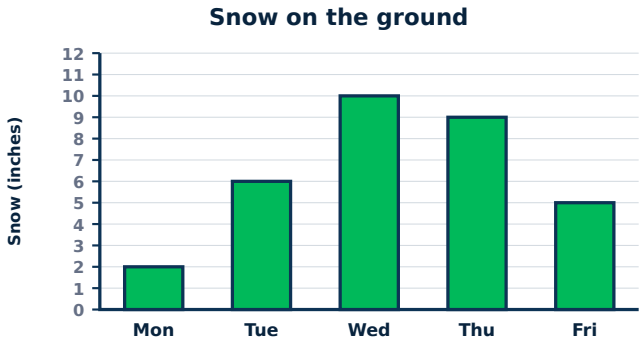
Weather Patterns

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

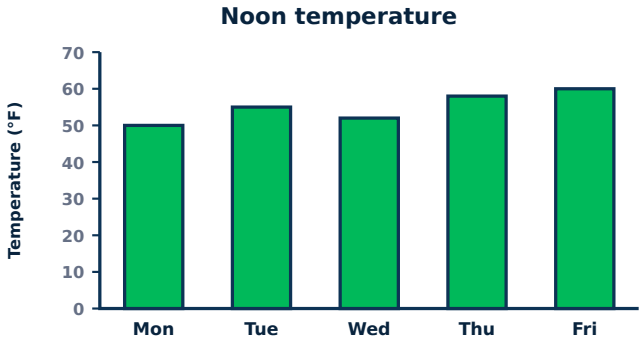
1. The graph shows the snow on the ground each day. What most likely happened after Wednesday?



it got warmer and the snow began melting
more snow fell each day
it got colder each day
the snow stayed the same

2. Which data would best show the typical winter weather in a town?
average temperatures for December to February over many years
rain totals for one summer
temperatures from one day in January
the wind on a single stormy day

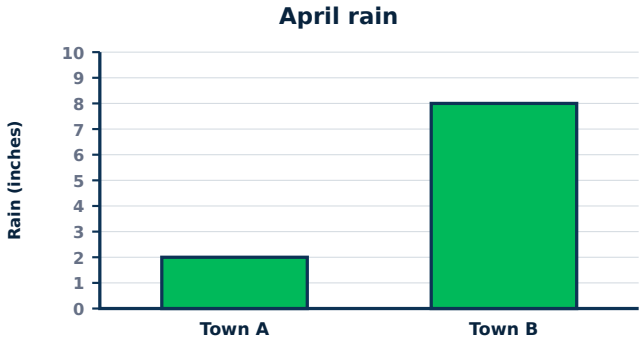
3. The graph shows the noon temperature for five days. What is the difference between the warmest and coolest days?



8 degrees 60 degrees 10 degrees 5 degrees

4. A weather table shows the wind came from the south on warm days and from the north on cold days this month. What forecast fits a day with a north wind?
rain is certain
a cooler day is likely
a hotter day is likely
the temperature will not change

5. The graph shows April rain in two towns. How much more rain fell in Town B?

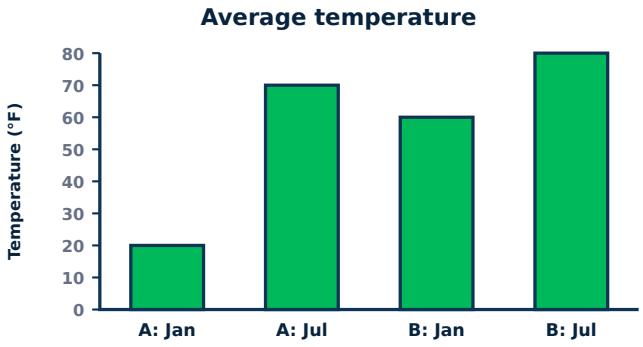


2 inches 6 inches 8 inches 10 inches

6. A scientist says, 'In this town, the first frost usually comes in late October.' What data did she most likely use?

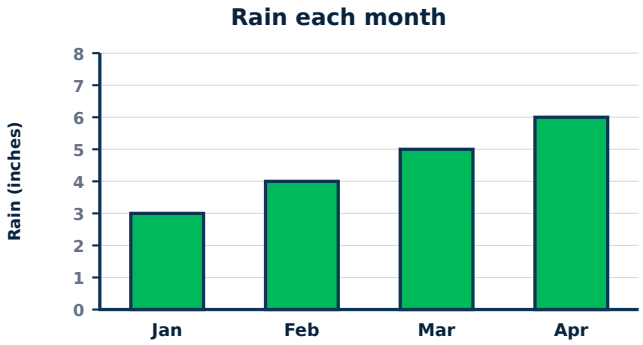
a forecast for next week
rain totals from last October
the temperature from last night
dates of the first frost from many years

7. The graph shows the average temperature in January and July for two towns. Which town has the bigger change between January and July?



Town A, by 20 degrees Town B, by 50 degrees Town B, by 20 degrees
Town A, by 50 degrees

8. The graph shows rain in four months. If the pattern continues, about how much rain should May get?



about 7 inches about 3 inches about 6 inches about 10 inches

9. Town A averages 60 inches of snow a year. Town B averages 5 inches. Which town should buy more snowplows?
   Town B, because snow surprises people there
   Town A, because heavy snow is usual there
   both the same, because snow is hard to predict
   Town A, because it snowed there last week

10. In a town, it rains on 20 of 30 days in April and on 5 of 30 days in June. Which month is the better choice for an outdoor picnic?
   April, because rain is hard to predict
   June, because rainy days are much less common
   April, because it has more rainy days
   June, because it never rains in June

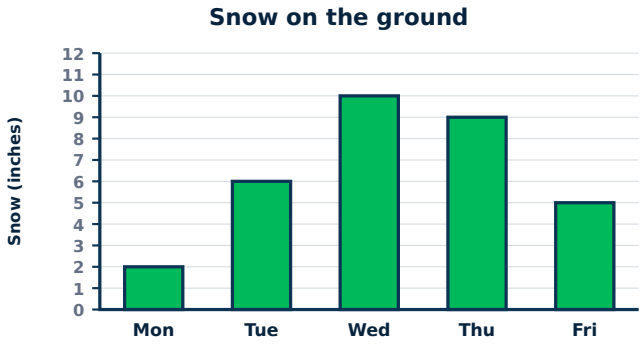
Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Weather Patterns

Answer Key - Grade 3 Science Worksheet - Challenge Me

Circle the answer.

1. The graph shows the snow on the ground each day. What most likely happened after Wednesday?

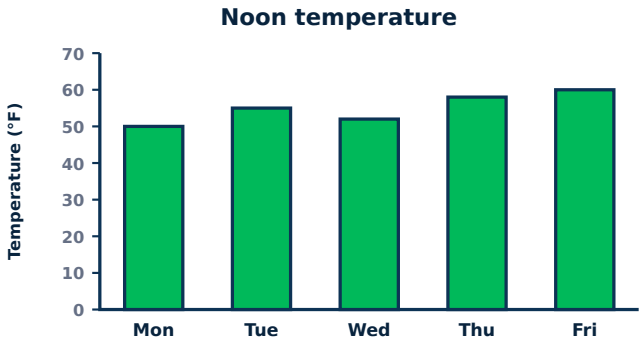


it got warmer and the snow began melting
more snow fell each day
it got colder each day
the snow stayed the same

2. Which data would best show the typical winter weather in a town?

average temperatures for December to February over many years
rain totals for one summer
temperatures from one day in January
the wind on a single stormy day

3. The graph shows the noon temperature for five days. What is the difference between the warmest and coolest days?

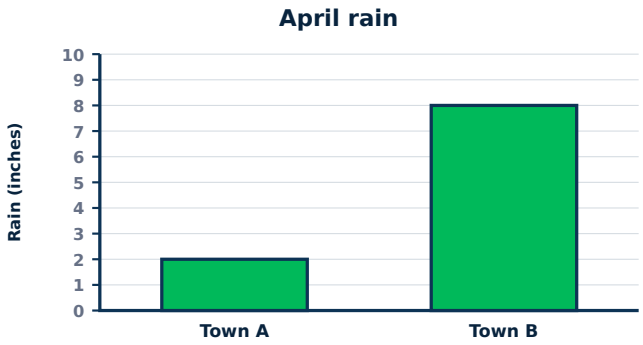


8 degrees 60 degrees 10 degrees 5 degrees

4. A weather table shows the wind came from the south on warm days and from the north on cold days this month. What forecast fits a day with a north wind?

rain is certain
a cooler day is likely
a hotter day is likely
the temperature will not change

5. The graph shows April rain in two towns. How much more rain fell in Town B?

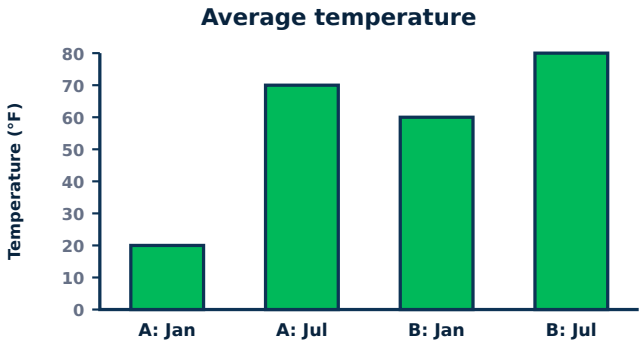


2 inches | 6 inches | 8 inches | 10 inches

6. A scientist says, 'In this town, the first frost usually comes in late October.' What data did she most likely use?

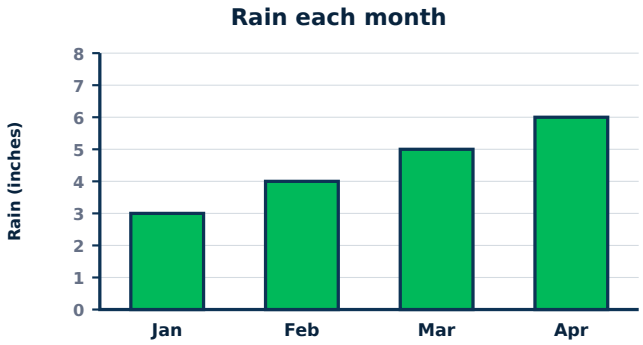
a forecast for next week
rain totals from last October
the temperature from last night
dates of the first frost from many years

7. The graph shows the average temperature in January and July for two towns. Which town has the bigger change between January and July?



Town A, by 20 degrees | Town B, by 50 degrees | Town B, by 20 degrees
Town A, by 50 degrees

8. The graph shows rain in four months. If the pattern continues, about how much rain should May get?



about 7 inches | about 3 inches | about 6 inches | about 10 inches

9. Town A averages 60 inches of snow a year. Town B averages 5 inches. Which town should buy more snowplows?

Town B, because snow surprises people there

Town A, because heavy snow is usual there

both the same, because snow is hard to predict

Town A, because it snowed there last week

10. In a town, it rains on 20 of 30 days in April and on 5 of 30 days in June. Which month is the better choice for an outdoor picnic?

April, because rain is hard to predict

June, because rainy days are much less common

April, because it has more rainy days

June, because it never rains in June