

Data, Graphs and Line Plots: math test, Grade 2 – download the PDF

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Playground tally

/ 3 pts

The class voted for its favorite playground equipment.

Swings	
Slide	
Monkey bars	
Sandbox	

- How many students chose monkey bars? (1 point)
- Which equipment got the fewest votes, and how many? (1 point)
- How many students voted in all? (1 point)

2 Birds in the park

/ 4 pts

Ana counted birds in the park for a week.

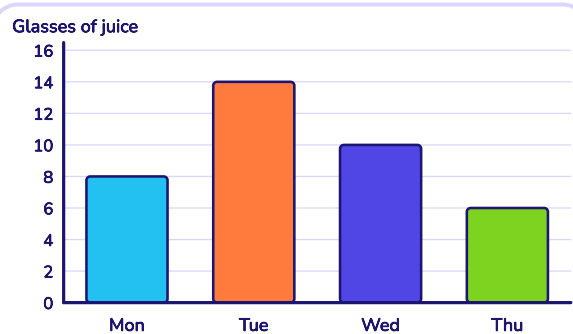
Robin	★ ★ ★ ★ ★
Jay	★ ★ ★
Wren	★ ★
Finch	★ ★ ★ ★
Key: ★ = 2 birds	

- How many jays did she see? (1 point)
- How many more robins than wrens? (1 point)
- How many birds did she see in all? (1 point)
- How many of the birds were not robins? (1 point)

3 Juice stand

/ 4 pts

A juice stand counted the glasses it sold on four days. Count the scale by twos.

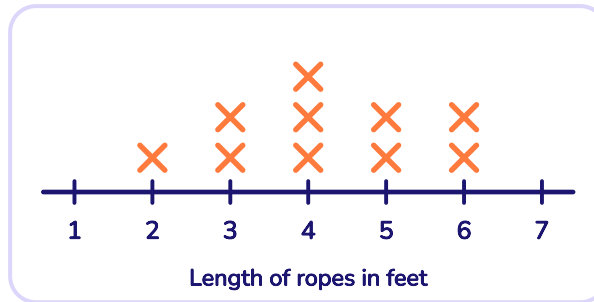


- How many glasses were sold on Tuesday? (1 point)
- How many fewer glasses were sold on Thursday than on Tuesday? (1 point)
- How many glasses were sold in all? (1 point)
- Were more glasses sold on Wednesday and Thursday together, or on Tuesday? By how many? (1 point)

4 Rope lengths

/ 4 pts

Ten pieces of rope were measured to the nearest foot.



- a. How many pieces of rope were measured? (1 point)
- b. Which length happened the most? (1 point)
- c. How many pieces are longer than 4 feet? (1 point)
- d. How many pieces are 3 feet or shorter? (1 point)

5 Draw a bar graph

/ 3 pts

Students chose their favorite sport: hockey 6, golf 4, tennis 8, rowing 2. Draw a bar graph that has a title, labels, and a scale that counts by twos. (3 points)

6 Seasons survey

/ 2 pts

Mina asked 15 classmates, "Which season do you like best?" Spring got 6 votes, summer got 4, and fall got 3. Winter's number is missing.

- a. How many classmates chose winter? (1 point)
- b. How many more classmates chose spring than fall? (1 point)



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