

# Graphs & Data

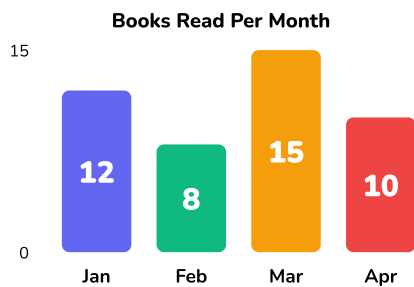
Data & Measurement · Grade 1

Score: \_\_\_\_\_ / 10

◆ Medium · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

- Which month had the most books read? How many more than the month with the least?



Answer: \_\_\_\_\_

2. Each trophy = 5 points. How many total points do both classes have?



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Answer: \_\_\_\_\_

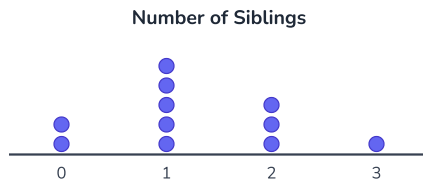
3. Count each score and fill in the table: Scores are 72, 85, 91, 72, 85, 85, 91, 72, 85.

How many times does each score appear? (72: \_\_\_\_, 85: \_\_\_\_, 91: \_\_\_\_)

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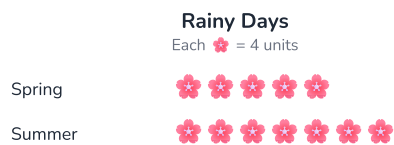
Answer: \_\_\_\_\_

4. How many students were surveyed in this dot plot?



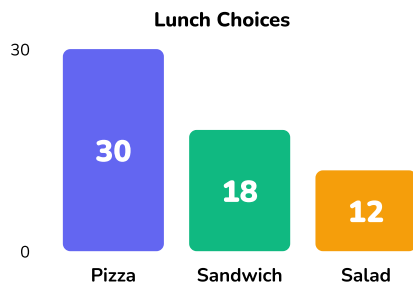
Answer: \_\_\_\_\_

5. Each flower = 4 rainy days. How many rainy days in Spring and Summer combined?



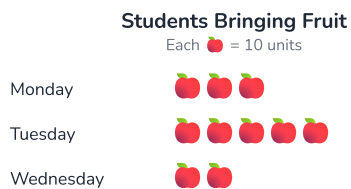
Answer: \_\_\_\_\_

6. If 6 more students switch from Pizza to Salad, what are the new values for Pizza and Salad?



Answer: \_\_\_\_\_

7. Each apple = 10 students. How many students brought fruit across all 3 days?



Answer: \_\_\_\_\_

8. 5 children like pizza, 3 like tacos.  
How many children voted in all?

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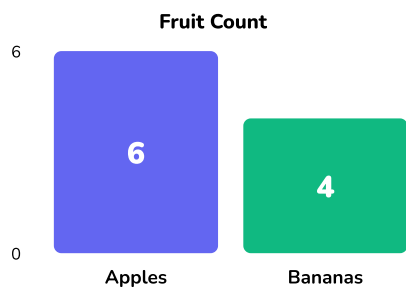
Answer: \_\_\_\_\_

9. A tally shows 4 dogs and 2 cats.  
How many more dogs than cats?

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Answer: \_\_\_\_\_

10. A bar graph shows apples 6 and bananas 4.  
Which fruit has more?



**Answer:** \_\_\_\_\_

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## Answer Key

### Graphs & Data — Medium

1. **March had the most (15).  $15 - 8 = 7$  more than February (the least).**

*Most: March (15). Least: February (8). Difference:  $15 - 8 = 7$ .*

2. **35 points**

*Class A:  $4 \times 5 = 20$ . Class B:  $3 \times 5 = 15$ . Total:  $20 + 15 = 35$  points.*

3. **72: III (3 times) 85: 4 (four times) 91: II (2 times)**

*Count how many times each score appears: 72 appears 3 times, 85 appears 4 times, 91 appears 2 times.*

4. **11 students**

*Add all marks:  $2 + 5 + 3 + 1 = 11$  students surveyed.*

5. **48 rainy days**

*Spring:  $5 \times 4 = 20$ . Summer:  $7 \times 4 = 28$ . Total:  $20 + 28 = 48$  rainy days.*

6. **Pizza: 24, Salad: 18**

*Pizza loses 6:  $30 - 6 = 24$ . Salad gains 6:  $12 + 6 = 18$ . Sandwich stays: 18.*

7. **100 students**

*Monday: 30, Tuesday: 50, Wednesday: 20. Total:  $30 + 50 + 20 = 100$  students.*

8. **8**

*Add:  $5 + 3 = 8$  children.*

9. **2**

*Subtract:  $4 - 2 = 2$  more dogs.*

10. **apples**

*6 is greater than 4, so apples has more.*