

◆ Aksum Math

Name: _____

Graphs & Data

Date: _____

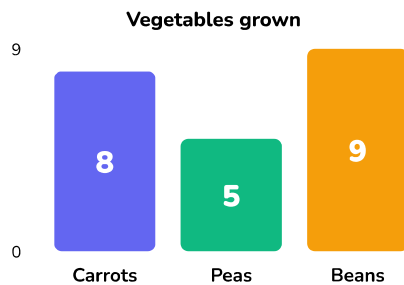
Data & Measurement · Grade 1

Score: _____ / 10

★ Hard · 10 Questions

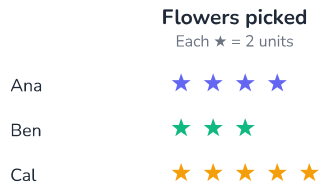
Solve each problem. Show your work in the space provided. Write your answer on the line.

1. The bar chart below shows vegetables grown in a garden. How many vegetables were grown in all?



Answer: _____

2. Each ★ = 2 flowers. The pictograph below shows flowers picked. How many more flowers did Cal pick than Ben?



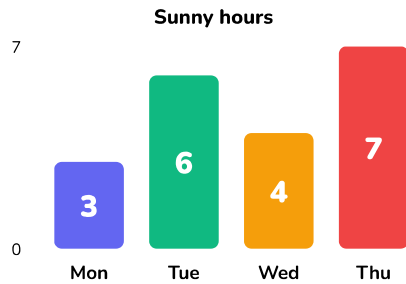
Answer: _____

3. The tally chart below shows books read each month. How many more books were read in March than in January?

Category	Books read Tally
January	II
February	
March	

Answer: _____

4. The bar chart below shows sunny hours each day. Which day was the sunniest, and how many more sunny hours did it have than Monday?



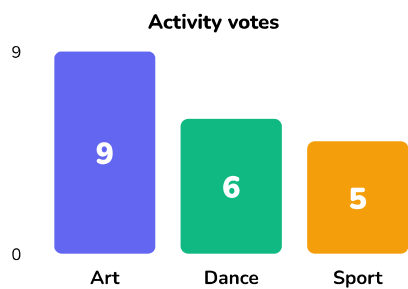
Answer: _____

5. The tally chart below shows stickers each student has. If Lia gets 3 more stickers, how many will she have? Will that be the same as Tom?

Category	Stickers Tally
Lia	IIII I
Tom	IIII IIII
Amy	IIII

Answer: _____

6. The bar chart below shows votes for three activities. How many students voted in total?



Answer: _____

7. The tally chart below shows balls sorted by colour. Which two colours have the same number of balls?

Category	Balls by colour Tally
Red	
Blue	
Green	
Yellow	

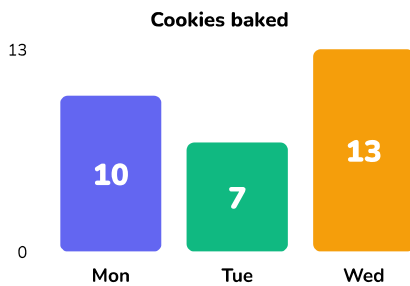
Answer: _____

8. Each ★ = 2 stars. The pictograph below shows stars earned. How many more stars does Mia have than Lee?



Answer: _____

9. The bar chart below shows cookies baked each day. On which day were the fewest baked, and how many fewer than Wednesday?



Answer: _____

10. The tally chart below shows pets in a building. How many cats and fish are there together? Is that more or fewer than the number of dogs?

Category	Pets in building Tally
Cats	
Dogs	
Fish	

Answer: _____

Answer Key **Graphs & Data — Hard****1. 22***Add all three: $8 + 5 + 9 = 22$.***2. 4 more flowers***Cal: $5 \times 2 = 10$. Ben: $3 \times 2 = 6$. $10 - 6 = 4$ more flowers.***3. 2 more books***March = 9, January = 7. $9 - 7 = 2$ more books.***4. Thursday; 4 more sunny hours***Thursday = 7, Monday = 3. $7 - 3 = 4$ more sunny hours.***5. Lia will have 9. Yes — the same as Tom.***Lia: $6 + 3 = 9$. Tom has 9. They are equal.***6. 20 students***Add all votes: $9 + 6 + 5 = 20$.***7. Red and Green — both have 5.***Compare: Red = 5, Blue = 8, Green = 5, Yellow = 4. Red and Green are equal.***8. 4 more stars***Mia: $4 \times 2 = 8$. Lee: $2 \times 2 = 4$. $8 - 4 = 4$ more stars.***9. Tuesday; 6 fewer cookies***Tuesday = 7, Wednesday = 13. $13 - 7 = 6$ fewer.***10. 12 cats and fish together. That is more than the 6 dogs.***Cats + Fish: $9 + 3 = 12$. Dogs = 6. $12 > 6$, so more.*