

Graphs & Data

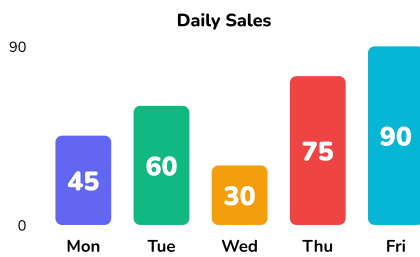
Data & Measurement · Grade 2

Score: _____ / 10

★ Hard · 10 Questions

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

1. The weekly goal was 350 units. Did they meet it? By how much?



Answer: _____

2. Tally: Soccer 15, Basketball 18, Tennis 9.

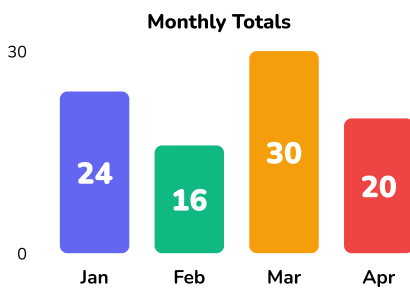
How many students were surveyed?

Category	Favorite Sport Tally
Soccer	
Basketball	
Tennis	

Answer: _____

3. Bar chart: Jan 24, Feb 16, Mar 30, Apr 20.

What is the difference between the highest and the lowest?



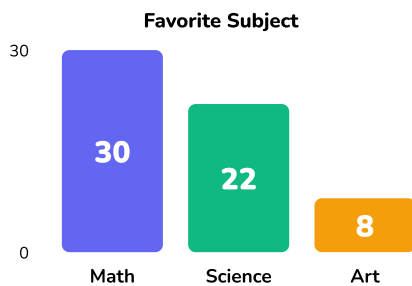
Answer: _____

4. Pictograph: ★ = 6 books. Grade A read 8 ★. Grade B read 5 ★.
How many books did both grades read together?



Answer: _____

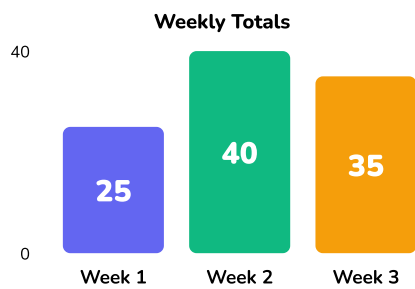
5. Survey of 60 students: 30 like math, 22 like science, 8 like art.
How many more like math than science?



Answer: _____

6. Bar chart: Week 1 = 25, Week 2 = 40, Week 3 = 35.

What is the total over the three weeks?



Answer: _____

7. Tally chart: Cats 12, Dogs 18, Fish 6, Birds 4.

How many pets in total?

Category	Pets Tally
Cats	
Dogs	
Fish	
Birds	

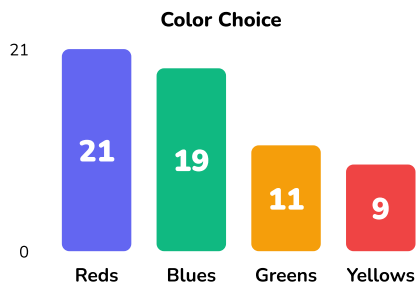
Answer: _____

8. Pictograph: ▲ = 10 students. Bus 6 ▲, Walk 4 ▲, Bike 3 ▲.
How many students in all?



Answer: _____

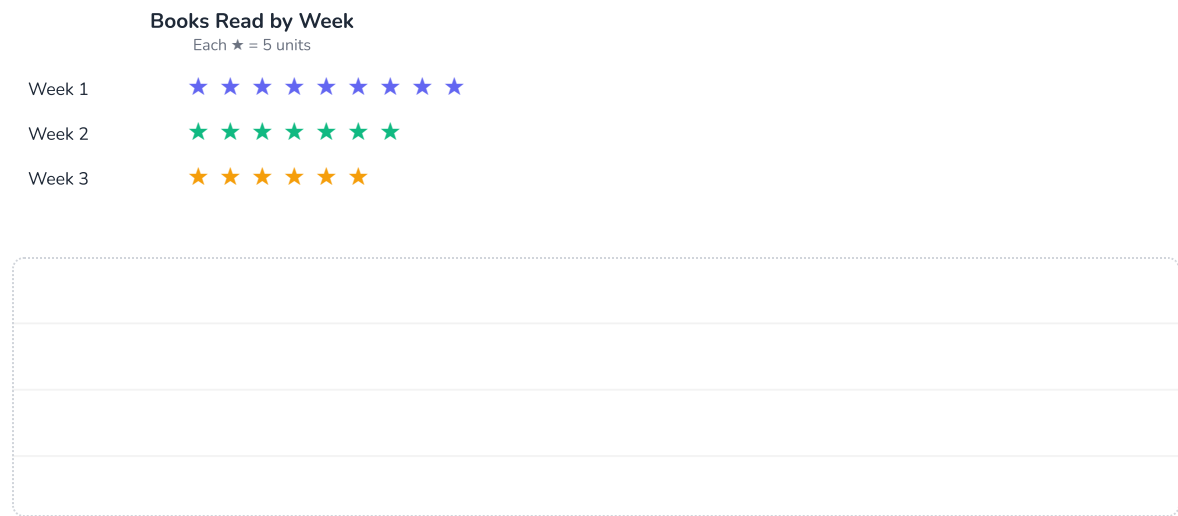
9. Bar chart: Reds 21, Blues 19, Greens 11, Yellows 9.
How many more chose reds and blues combined than greens and yellows combined?



Answer: _____

10. Pictograph: ★ = 5 books. Week 1: 9 ★, Week 2: 7 ★, Week 3: 6 ★.

Total books read?



Answer: _____

Answer Key

Graphs & Data — Hard

1. **No. Total = 300 units, which is 50 units short of the goal.**

Total: $45+60+30+75+90 = 300$. Goal: 350. $350 - 300 = 50$ units short of goal.

2. **42**

$15 + 18 + 9 = 42$ students.

3. **14**

Highest 30, lowest 16. $30 - 16 = 14$.

4. **78**

$(8 + 5) \times 6 = 13 \times 6 = 78$ books.

5. **8**

$30 - 22 = 8$ more.

6. **100**

$25 + 40 + 35 = 100$.

7. **40**

$12 + 18 + 6 + 4 = 40$ pets.

8. **130**

$(6 + 4 + 3) \times 10 = 13 \times 10 = 130$.

9. **20**

Reds+Blues = 40. Greens+Yellows = 20. $40 - 20 = 20$.

10. **110**

$(9 + 7 + 6) \times 5 = 22 \times 5 = 110$ books.