

Graphs & Data

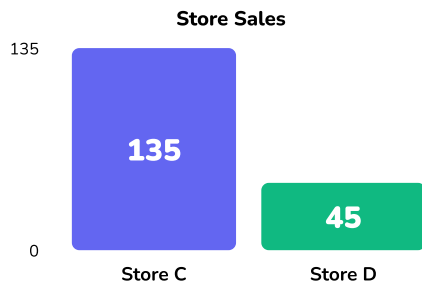
Data & Measurement · Grade 3

Score: _____ / 10

◆ Medium · 10 Questions

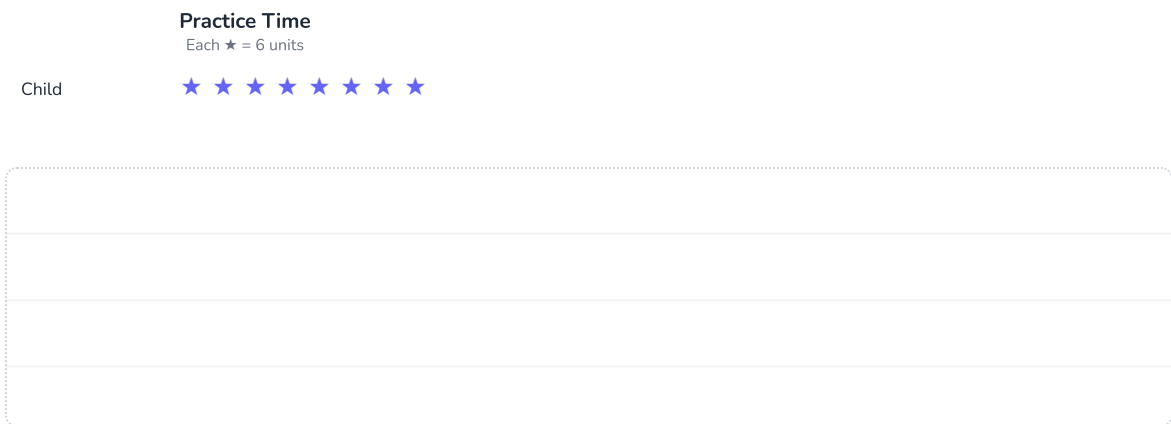
Solve each problem. Show your work in the space provided. Write your answer on the line.

1. A bar chart shows Store C sells $3\times$ more than Store D. Store D = 45. How many does Store C sell?



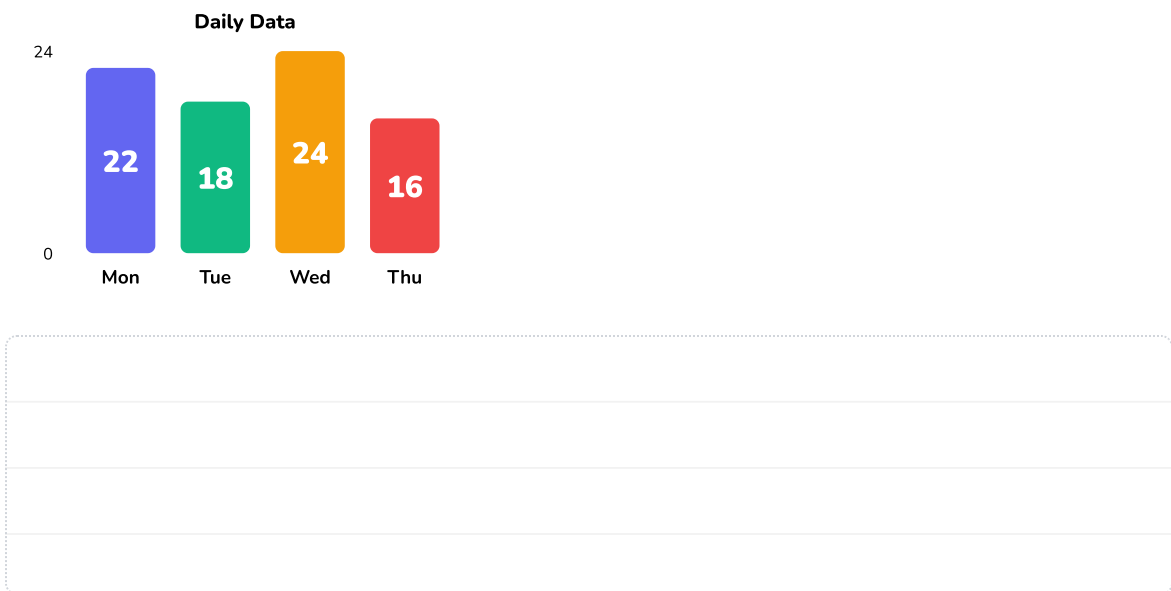
Answer: _____

2. Pictograph: ★ = 6 minutes. A child practiced 8 ★.
How many minutes total?



Answer: _____

3. Bar chart: Mon 22, Tue 18, Wed 24, Thu 16.
What is the total over 4 days?



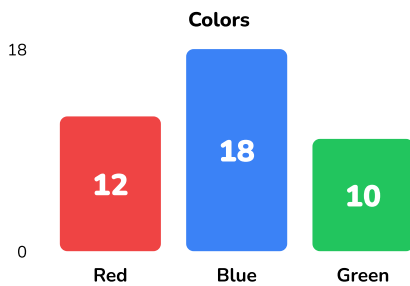
Answer: _____

4. Tally chart: Yes 24, No 18.
How many people responded?

Category	Survey Tally
Yes	
No	

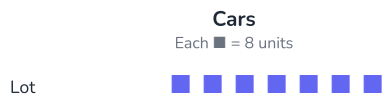
Answer: _____

5. Bar chart: Red 12, Blue 18, Green 10.
What is the difference between the largest and smallest?



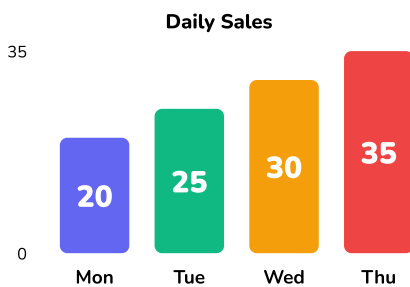
Answer: _____

6. Pictograph: ■ = 8 cars. Lot has 7 ■.
How many cars in the lot?



Answer: _____

7. Bar chart shows daily sales: Mon 20, Tue 25, Wed 30, Thu 35.
How much did sales grow from Monday to Thursday?



Answer: _____

8. Tally chart: Apples 30, Pears 25, Plums 12.
How many fruits altogether?

Category	Fruits Tally
Apples	
Pears	
Plums	

Answer: _____

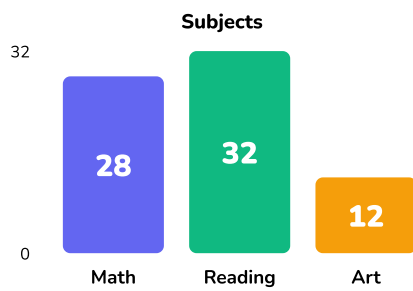
9. Pictograph: ★ = 10 books. Library shows 9 ★.
How many books?

Library Books	
Each ★ = 10 units	
Library	★ ★ ★ ★ ★ ★ ★ ★ ★

Answer: _____

10. Bar chart: Math 28, Reading 32, Art 12.

What is the total number of students surveyed?



Answer: _____

Answer Key

Graphs & Data — Medium

1. **135**

$$\text{Store C} = 3 \times 45 = 135.$$

2. **48**

$$8 \times 6 = 48 \text{ minutes.}$$

3. **80**

$$22 + 18 + 24 + 16 = 80.$$

4. **42**

$$24 + 18 = 42.$$

5. **8**

$$18 - 10 = 8.$$

6. **56**

$$7 \times 8 = 56 \text{ cars.}$$

7. **15**

$$35 - 20 = 15.$$

8. **67**

$$30 + 25 + 12 = 67.$$

9. **90**

$$9 \times 10 = 90 \text{ books.}$$

10. **72**

$$28 + 32 + 12 = 72.$$