Aksum Math

Graphs & Data

Data & Measurement · Grade 1

★ Hard · 10 Questions

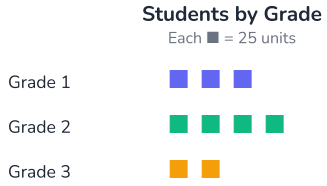
Name: _____

Date: _____

Score: _____ / 10

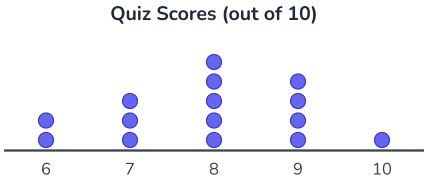
Solve each problem. Show your work in the space provided. Write your answer on the line.

1. Each square = 25 students. How many students are in the school in total?



Answer: _____

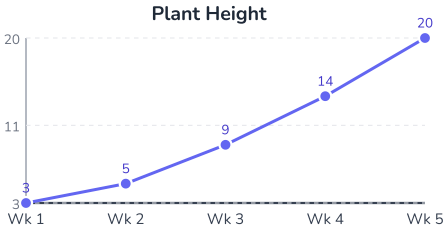
2. How many students scored above 7 on this quiz?



Answer: _____

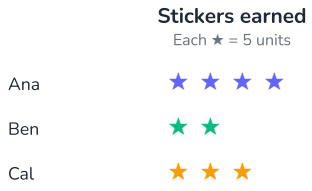
3. Using the same plant growth data (3,5,9,14,20):

Between which two consecutive weeks did the plant grow the most?



Answer: _____

4. Each ★ = 5 stickers. The pictograph below shows stickers earned by three students. How many stickers were earned in all?



Answer: _____

5. 3 students walk, 4 ride the bus, and 2 ride a bike.
How many students in all?

Answer: _____

6. A chart shows Mon=2, Tue=4, Wed=3.

What is the total?

Answer: _____

7. 6 students prefer summer and 4 prefer winter.

How many more prefer summer?

Answer: _____

8. Class favorite colors: red=5, blue=3, green=2.

How many students total?

Answer: _____

9. Tally chart: Apples = | | | | | | | (7 marks), Pears = | | | (3 marks).
How many more apples than pears?

Fruit Survey

Category	Tally
Apples	卌 II
Pears	III

Answer: _____

10. A class graph shows 8 like art, 5 like music, 2 like dance.
Which activity is most popular?

Answer: _____

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Answer Key Graphs & Data — Hard

1. **225 students**

Grade 1: 3×25=75. Grade 2: 4×25=100. Grade 3: 2×25=50. Total: 75+100+50=225.

2. **10 students**

Above 7 means 8, 9, or 10: 5 + 4 + 1 = 10 students.

3. **Between Week 4 and Week 5 (grew 6 cm)**

Growth per week: 2, 4, 5, 6. The biggest jump is from Week 4 (14 cm) to Week 5 (20 cm): 6 cm.

4. **45 stickers**

Ana: 4×5=20. Ben: 2×5=10. Cal: 3×5=15. Total: 20+10+15=45.

5. **9**

Add: 3 + 4 + 2 = 9 students.

6. **9**

Add: 2 + 4 + 3 = 9.

7. **2**

Subtract: 6 − 4 = 2 more.

8. **10**

Add: 5 + 3 + 2 = 10 students.

9. **4**

Subtract: 7 − 3 = 4 more apples.

10. **art**

Compare: 8 > 5 > 2, so art is the most popular.

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