Free Extra Maths Class · Grade 5

Data handling

Name: _____

Remember: First read the heading, the scale or the key, and only then the numbers. **Why?** If one picture is 4 learners, 3 pictures mean 12 learners, not 3. The **mode** is the value that comes up most often.

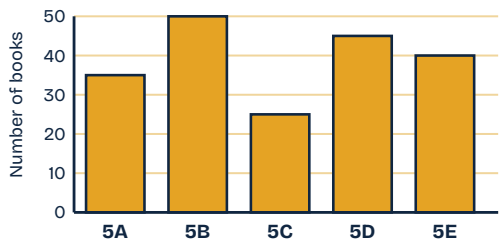
Apple	𝍸 𝍸 ||
Banana	𝍸 ||||
Orange	𝍸 𝍸 𝍸
Grapes	𝍸 |

1 Grade 5 learners chose their favourite fruit. How many chose bananas?

2 Which fruit is the most popular?

3 How many learners were asked altogether?

4 How many more learners chose oranges than grapes?

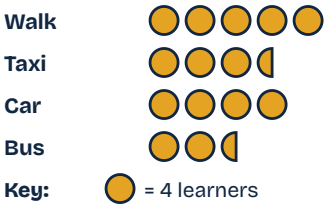


5 The graph shows how many library books each class read in October. How many books did 5D read?

6 Which class read the fewest books?

7 What is the difference between the most and the fewest books?

8 How many books did the five classes read altogether?



9 The pictograph shows how learners get to school. How many learners come by taxi?

10 How many more learners walk than come by bus?

11 Shoe sizes: 4, 5, 3, 5, 6, 4, 5, 7, 5, 4. What is the mode?

12 Test marks out of 10: 7, 8, 6, 8, 9, 7, 8, 10, 6, 8. How many learners got the mode as their mark?

13 6 more learners are asked and all of them choose grapes. Which fruit is now the **least** popular?

14 In the pictograph one picture is 4 learners. How many pictures do you draw for 22 learners?

15 Add one number to 3, 6, 6, 9, 9 so that the mode is 9. Which number must it be?

I got ___ out of 15 ★ ★ ★

Free Extra Maths Class · Grade 5 · Memorandum

Memorandum: Data handling

1. **9**
   One bundle of 5 + 4 lines = 9
2. **orange**
   Orange has the most lines: 15
3. **42**
   12 + 9 + 15 + 6 = 42
4. **9**
   15 − 6 = 9
5. **45**
   The bar ends halfway between 40 and 50: 45
6. **5C**
   The shortest bar: 5C (25)
7. **25**
   50 − 25 = 25
8. **195**
   35 + 50 + 25 + 45 + 40 = 195
9. **14**
   3 whole pictures × 4 = 12, plus half a picture = 2; 12 + 2 = 14
10. **10**
    Walk: 5 × 4 = 20; bus: 2½ × 4 = 10; 20 − 10 = 10
11. **5**
    5 comes up 4 times, more than any other size
12. **4**
    The mode is 8; 8 comes up 4 times
13. **banana**
    Grapes: 6 + 6 = 12; banana now has the fewest (9)
14. **5½**
    22 ÷ 4 = 5 remainder 2; 2 learners is half a picture
15. **9**
    Now 6 and 9 each come up twice; another 9 makes 9 the only mode