

Grade 2 Measurement And Data Challenge

Worksheet Set 009

Grade 2 · Measurement And Data · Challenge

Name: _____ Date: _____

Use the stated length, number-line, data-table, or line-plot values. Show the addition or subtraction used when needed.

1. A toy train is 59 centimeters long. A pencil is 39 centimeters long. How many centimeters longer is the toy train?

Answer: _____

2. Two paper strips measure 43 centimeters and 14 centimeters. What is their total length in centimeters?

Answer: _____

3. A string is 45 centimeters long. A student cuts off 13 centimeters. How many centimeters remain?

Answer: _____

4. On a centimeter number line, one point is at 17 and another is at 82. What is the distance between the points?

Answer: _____

5. Data table: red books = 2; blue books = 7; green books = 3; yellow books = 4. How many items are recorded altogether?

Answer: _____

6. Data record: apples = 5; pears = 15. How many more items are in the larger category?

Answer: _____

7. Data table: apples = 22; pears = 2; plums = 15; oranges = 19. Which category has the most items?

Answer: _____

8. Line-plot measurements in inches: 2, 4, 4, 5, 6, 7, 7, 8, 8, 9. How many measurements are 4 inches?

Answer: _____

9. Line-plot measurements in inches: 4, 4, 6, 6, 7, 8, 8, 9, 9. How many measurements are shown in all?

Answer: _____

10. Data table: apples = 18; pears = 22; plums = 4; oranges = 12. How many more items are in the largest category than in the smallest category?

Answer: _____

11. A paintbrush is 91 centimeters long. A ribbon is 77 centimeters long. How many centimeters longer is the paintbrush?

Answer: _____

12. Two paper strips measure 15 centimeters and 9 centimeters. What is their total length in centimeters?

Answer: _____

13. A string is 52 centimeters long. A student cuts off 21 centimeters. How many centimeters remain?

Answer: _____

14. On a centimeter number line, one point is at 2 and another is at 92. What is the distance between the points?

Answer: _____

15. Data table: cats = 6; dogs = 20; fish = 25; birds = 12. How many items are recorded altogether?

Answer: _____

16. Data record: apples = 14; pears = 22. How many more items are in the larger category?

Answer: _____

17. Data table: red books = 16; blue books = 25; green books = 23; yellow books = 9. Which category has the most items?

Answer: _____

18. Line-plot measurements in inches: 2, 2, 3, 4, 6, 7, 8, 9. How many measurements are 9 inches?

Answer: _____

19. Line-plot measurements in inches: 2, 2, 3, 5, 5, 7, 9, 9. How many measurements are shown in all?

Answer: _____

20. Data table: red books = 20; blue books = 7; green books = 11; yellow books = 23. How many more items are in the largest category than in the smallest category?

Answer: _____

Answer Key

Answers for all 20 questions

1. 20	2. 57
3. 32	4. 65
5. 16	6. 10
7. apples	8. 2
9. 9	10. 18
11. 14	12. 24
13. 31	14. 90
15. 63	16. 8
17. blue books	18. 1
19. 8	20. 16