

Analyzing Line Plot Data

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. A line plot shows the number of books read by students: 2, 3, 2, 4, 3, 5. What is the mode of the data?

2. Calculate the total number of books read: $2 + 3 + 2 + 4 + 3 + 5 = \underline{\quad}$

3. If 7 students read 4 books each, how many books did they read in total?

4. Circle the greater total:

19

or

28

5. The mode can be one number or more than one number. True or False?

True False

6. If the plot shows 1, 3, 3, 2, 5, what is the next number that could fit the mode?

7. A line plot shows the number of pets owned by children: 1, 2, 2, 4, 3. What is the difference between the most pets and the least pets?

8. Multiply the total number of children (5) by the number of pets (2): $5 \times 2 = \underline{\quad}$

9. If 4 kids each have 3 apples, how many apples do they have in total?

10. Which number is less: ?:

10

or

12

11. The total of 2, 2, and 4 is 8. True or False?

True False

12. What number comes next in the sequence of books read: 3, 4, 5, _____?

13. There are 10 students in a class. 6 of them are girls. How many boys are there?

14. If the total number of pets is 15 and there are 5 dogs, how many cats are there? $15 - 5 = \underline{\quad}$

15. In a line plot, if 5 students reported reading 18 books, how many books did they read in total?

Answer Key

1. 2 and 3 2. 19 3. 28 4. 28 5. True 6. 3 7. 3 8. 10 9. 12 10. 10 11. False 12. 6 13. 4 14. 10 15. 90