Fraction Operations from Line Plots

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4th Grade Math Practice

Name: _____ Date: _____

Solve each problem. Show your work when needed.

1. A line plot shows the heights of plants in inches: 2/3, 1/2, 3/4, 1/3, 2/3. What is the total height of all plants?

2. From the line plot, 1/4 of a pizza was eaten. If the pizza was originally cut into 8 equal slices, how many slices are left?

3. A line plot shows the weights of 5 bags of flour: 3/4, 1/2, 1/4, 1/2, 3/4. What is the average weight of a bag of flour?

4. 3/5 + 2/5 = ____

5. 4/7 - 1/7 = ____

6. If a line plot shows the number of books read per student: 1/2, 3/4, 1/4, how many books did the student read in total?

7. 5/8 + 1/4 = ____

8. 2/3 - 1/6 = ____

9. A line plot shows the lengths of ribbons in feet: 1/2, 2/3, 3/4, 1/3. What is the total length of the ribbons?

10. Circle the greater fraction: 1//8:

2 or **3**

11. 3/4 + 1/4 = 1

◯ True ◯ False

12. What fraction comes next? 1/4, 1/2, 3/4, ___

13. If a line plot shows the distance traveled by cars in miles: 1/2, 1/3, 2/3, what is the total distance?

14. A pie chart shows that 3/8 of a pie is left. If the pie was cut into 16 pieces, how many pieces are left?

15. A line plot shows the time spent on homework in hours: 1/2, 1/4, 3/4, 1/4. How many hours were spent in total?

Answer Key

1. 2 1/6 2. 6 3. 1/2 4. 1 5. 3/7 6. 1 3/4 7. 7/8 8. 1/2 9. 2 1/6 10. 1/2 11. True 12. 1 13. 1 1/6 14. 6 15. 1 1/2