

# Line Plots with Fractions Practice

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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:  $\frac{3}{4}$ , 1,  $\frac{1}{4}$ , 1,  $\frac{1}{2}$ , and 1. What is the mode of the data?

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2. Calculate the total of the heights:  $\frac{3}{4} + 1 + \frac{1}{4} + \frac{1}{2}$

3. Circle the greater fraction:  $\frac{1}{8}$ :

2 or  3

4. What number comes next in the sequence?  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , \_\_\_\_\_

5. The range of the data  $\frac{1}{4}$ ,  $\frac{1}{2}$ , 1,  $\frac{3}{4}$  is  $\frac{1}{4}$ .

True  False

6. A gardener measures 5 plants and records their heights as  $\frac{1}{2}$ , 1,  $\frac{3}{4}$ ,  $\frac{1}{2}$ , and 1. What is the average height?

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7. What is  $\frac{2}{3} - \frac{1}{4}$ ?

8. If a line plot shows  $\frac{8}{10}$ ,  $\frac{3}{10}$ , and  $\frac{7}{10}$ , what is the total of these measurements?

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9. Circle the smaller fraction:  $\frac{2}{5}$ :

5 or  3

10. What number comes next?  $\frac{1}{3}$ ,  $\frac{2}{3}$ , \_\_\_\_\_

11. The total of  $\frac{1}{4}$  and  $\frac{1}{4}$  is  $\frac{1}{2}$ .

True  False

12. There are 6 pieces of fruit:  $\frac{2}{3}$  are apples, and the rest are oranges. How many oranges are there?

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13. What is  $\frac{5}{6}$  divided by 2?

14. A class measures their pencils:  $\frac{2}{5}$ ,  $\frac{3}{5}$ , and  $\frac{1}{2}$ . What is the difference between the longest and shortest pencil?

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15. What is  $\frac{3}{4} + \frac{1}{4}$ ?

16. If a line plot shows  $\frac{1}{2}$ ,  $\frac{1}{3}$ , and  $\frac{1}{6}$ , what is the total?

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**Answer Key**

1. 1   2. 2   3.  $\frac{1}{2}$    4. 1   5. False   6.  $\frac{3}{4}$    7.  $\frac{5}{12}$    8.  $\frac{18}{10}$    9.  $\frac{2}{5}$    10. 1   11. True   12.  $\frac{2}{3}$    13.  $\frac{5}{12}$    14.  $\frac{1}{10}$    15. 1   16. 1