

# Operations with Line Plot Data

BibleMouse.com

4th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1.  $1/2 + 1/4 =$  \_\_\_\_\_

2.  $3/8 - 1/8 =$  \_\_\_\_\_

3. A line plot shows that  $2/3$  of the students prefer apples and  $1/6$  prefer bananas. What fraction of students prefer apples?

\_\_\_\_\_

4. From a line plot,  $1/2$  of the total pieces of candy are chocolate, and  $1/3$  are gummy. How much of the candy is not chocolate or gummy?

\_\_\_\_\_

5.  $2/5 * 3 =$  \_\_\_\_\_

6. Which is greater:  $2/2$ ?:

3 or  1

7. What fraction comes next in the sequence?  $1/4, 1/2, 3/4, \underline{\hspace{1cm}}$

8.  $1/3 + 1/4 = 7/12$

True  False

9. If a line plot shows that  $1/4$  of the books are fiction and  $1/2$  are non-fiction, what fraction of the books are neither?

\_\_\_\_\_

10. A line plot indicates that  $3/5$  of the students brought lunch. If 10 students are surveyed, how many brought lunch?

\_\_\_\_\_

11.  $1/2 * 4 =$  \_\_\_\_\_

12.  $3/4 + 1/4 =$  \_\_\_\_\_

13. In a line plot,  $1/6$  of the students are in band, and  $1/3$  are in choir. If there are 18 students total, how many are in band?

\_\_\_\_\_

14.  $5 * 1/2 =$  \_\_\_\_\_

15. A line plot shows that  $2/5$  of the fruits are oranges and  $1/5$  are apples. What fraction of the fruits are other types?

\_\_\_\_\_

---

**Answer Key**

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