

Operations with Line Plot Data

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $3/4 + 1/2 =$ _____

2. $2/3 - 1/6 =$ _____

3. A line plot shows the heights of 6 plants: $3/4$ ft, $1/2$ ft, $1/4$ ft, $1/4$ ft, $1/2$ ft, and $1/2$ ft. What is the total height of all plants?

4. $5/8 + 3/8 =$ _____

5. Circle the greater number: $2/10$:

5 or 3

6. What number comes next? $1/4, 1/2, 3/4, \underline{\hspace{1cm}}$

7. $1/2 + 1/4 = 3/4$

True False

8. If a line plot shows that $1/3$ of the apples are red and $1/4$ are green, what fraction of the apples are not red or green?

9. $7/10 - 2/5 =$ _____

10. A line plot shows that $2/5$ of the students prefer chocolate ice cream, and $1/5$ prefer vanilla. How much more prefer chocolate than vanilla?

11. $1/8 + 3/8 =$ _____

12. On a line plot, $3/5$ of the students completed their homework. If $1/5$ did not, how many students completed their homework?

13. $4/6 - 1/3 =$ _____

14. Circle the greater number: $5/2$:

12 or 1

15. If the line plot shows that $\frac{1}{2}$ of the cakes sold were chocolate and $\frac{1}{4}$ were vanilla, what fraction of the cakes sold were neither?

Answer Key

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