

Division with Unit Fractions Word Problems

1. If you have $\frac{1}{3}$ of a cake and want to share it equally among 6 friends, how much cake will each friend receive?

Solve : ____

2. A recipe calls for $\frac{1}{2}$ cup of flour. If you want to make $\frac{1}{4}$ of the recipe, how much flour do you need?

Solve : ____

3. A garden is divided into 8 equal sections. If you plant $\frac{1}{8}$ of a row of carrots in each section, how much did you plant in total?

Solve : ____

4. A wall is $\frac{5}{6}$ painted. If each person can paint $\frac{1}{3}$ of the remaining portion, how many people are needed to finish painting the wall?

Solve : ____

5. A pitcher holds $\frac{3}{4}$ of a liter of juice. How many $\frac{1}{6}$ liter glasses can you fill from the pitcher?

Solve : ____

6. You have $\frac{1}{4}$ of a pizza, and each slice is $\frac{1}{8}$ of the pizza. How many slices do you have?

Solve : ____

7. You want to place $\frac{3}{4}$ of your books on a shelf that's $\frac{1}{4}$ full. How much more space is needed?

Solve : ____

8. A song takes $\frac{3}{5}$ of an hour to practice. If you practice $\frac{1}{2}$ of the song, how much time did you spend practicing?

Solve : ____

9. A car can travel $\frac{2}{3}$ of a mile on $\frac{1}{5}$ gallon of gas. How far can the car travel on 3 gallons of gas?

Solve : ____

10. If you have $\frac{3}{4}$ of a yard of ribbon and each decoration requires $\frac{1}{6}$ of a yard of ribbon, how many decorations can you make?

Solve : ____

11. A batch of cookies requires $\frac{1}{2}$ cup of sugar. If you want to make $\frac{2}{3}$ of the batch, how much sugar do you need?

Solve : ____

12. You have $\frac{2}{5}$ of a cup of strawberries and $\frac{1}{10}$ of a cup of blueberries. If you want to make equal portions of fruit salad, how many portions can you make?

Solve : ____

