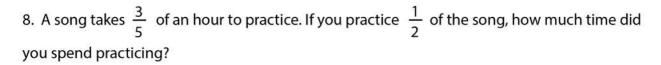
## **Division with Unit Fractions Word Problems**

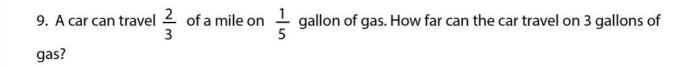
1. If you have  $\frac{1}{3}$  of a cake and want to share it equally among 6 friends, how much cake will each friend receive? Solve:\_\_\_ 2. A recipe calls for  $\frac{1}{2}$  cup of flour. If you want to make  $\frac{1}{4}$  of the recipe, how much flour do you need? Solve:\_\_\_ 3. A garden is divided 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	1/4	full. How much more space is needed?
Solve :		



Solve:\_\_\_



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 : \_\_\_

