

Fractions Word Problems - Practice Worksheet

Name: _____ Date: _____

Instructions: Read each word problem carefully, identify the operation, then solve. Show your working. Simplify all answers.

1. Mia drank $\frac{1}{4}$ of a bottle of juice in the morning and $\frac{2}{4}$ of the same bottle in the afternoon. What fraction of the bottle did she drink in total?

2. A ribbon is $\frac{7}{8}$ m long. Jake cuts off $\frac{3}{8}$ m. How much ribbon is left?

3. A recipe needs $\frac{2}{3}$ cup of sugar. If you want to make half the recipe, how much sugar do you need?

4. There are 20 students in a class. $\frac{3}{5}$ of them passed the test. How many students passed?

5. Leo finished $\frac{3}{5}$ of his homework before dinner and $\frac{1}{4}$ after dinner. What fraction of his homework did he finish in total?

6. A tank holds $\frac{5}{6}$ of a litre of water. It leaks $\frac{1}{3}$ of a litre. How much water remains?

7. A farmer has a field. He plants wheat on $\frac{2}{5}$ of the field and corn on $\frac{1}{3}$ of the field. What fraction of the field has crops?

8. A bag of flour weighs $\frac{3}{4}$ kg. A baker uses $\frac{2}{3}$ of the bag. How many kg of flour does the baker use?

9. A car journey is 4 and $\frac{1}{2}$ hours long. After 1 and $\frac{3}{4}$ hours, how much of the journey remains?

10. A school garden is $\frac{5}{6}$ of an acre. The students have dug up $\frac{2}{5}$ of the garden so far. What fraction of the whole garden has been dug?

Answer Key

1. $\frac{3}{4}$

2. $\frac{4}{8} = \frac{1}{2}$ m

3. $\frac{1}{3}$ cup

4. 12 students

5. $\frac{17}{20}$

6. $\frac{1}{2}$ litre

7. $\frac{11}{15}$

- 8.** $\frac{1}{2}$ kg
- 9.** 2 and $\frac{3}{4}$ hours
- 10.** $\frac{1}{3}$ of an acre