

Themed-Based Division of Fractions Word Problems

1. A cake recipe calls for $\frac{3}{4}$ cup of sugar. If you want to make $\frac{1}{3}$ of the recipe, how much sugar should you use?

Solve : ____

2. A batch of cookies requires $\frac{2}{5}$ cup of chocolate chips. If you want to make $\frac{3}{4}$ of the batch, how many cups of chocolate chips do you need?

Solve : ____

3. A pie recipe calls for $1\frac{1}{2}$ cups of flour. If you want to make $\frac{2}{3}$ of the pie, how much flour should you use?

Solve : ____

4. A bread recipe requires $\frac{2}{3}$ tablespoon of yeast. If you want to make $\frac{1}{5}$ of the recipe, how much yeast should you use?

Solve : ____

5. A soup recipe needs $2\frac{1}{4}$ cups of broth. If you want to make $\frac{3}{4}$ of the recipe, how much broth do you need?

Solve : ____

6. A pizza dough recipe calls for $\frac{3}{4}$ teaspoon of salt. If you want to make $\frac{2}{7}$ of the recipe, how much salt should you use?

Solve : ____

7. A pancake batter recipe requires $1\frac{1}{2}$ cups of milk. If you want to make $\frac{3}{5}$ of the batter, how much milk do you need?

Solve : ____

8. A quiche recipe calls for $\frac{1}{2}$ cup of spinach. If you want to make $\frac{4}{9}$ of the quiche, how much spinach should you use?

Solve : ____

9. A muffin recipe requires $1\frac{3}{4}$ cups of blueberries. If you want to make $\frac{1}{4}$ of the recipe, how many cups of blueberries do you need?

Solve : ____

10. A pasta dish calls for $\frac{2}{3}$ cup of sauce. If you want to make $\frac{2}{3}$ of the dish, how much sauce should you use?

Solve : ____

11. A casserole recipe requires $2\frac{1}{2}$ cups of vegetables. If you want to make $\frac{3}{7}$ of the casserole, how many cups of vegetables do you need?

Solve : ____

12. A brownie recipe calls for $\frac{1}{4}$ cup of cocoa powder. If you want to make $\frac{3}{7}$ of the recipe, how much cocoa powder should you use?

Solve : ____