

Problem Solving: Multiplying Fractions Worksheet

Read each problem carefully. Show all your steps. Simplify your answers and write them in the correct form (fraction or mixed number).

1. A juice bottle holds $\frac{3}{4}$ liter of juice. If there are 6 bottles, how much juice is there in total?
2. Lena is sewing curtains. Each curtain requires $\frac{2}{3}$ yard of fabric. How much fabric does she need to sew 5 curtains?
3. A baker uses $\frac{5}{6}$ cup of flour for one batch of cookies. How much flour is needed for $2\frac{1}{2}$ batches?
4. A student read $\frac{3}{5}$ of a book on Monday and $\frac{2}{3}$ of what was left on Tuesday. What fraction of the book did the student read on Tuesday?
5. A rectangle has a length of $\frac{7}{8}$ inches and a width of $\frac{2}{3}$ inches. What is the area of the rectangle?