

5th Grade Fraction Word Problems

5th Grade - fraction word problems with unlike denominators | 22 minutes

Name: _____ Date: _____

Read each problem. Find a common denominator, solve, and simplify the answer. Include the label.

Example: $\frac{1}{2}$ cup + $\frac{1}{4}$ cup: rewrite as $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$ cup.

1. A recipe uses $\frac{1}{2}$ cup of sugar and $\frac{1}{3}$ cup of brown sugar. How much sugar in all?

2. Liam ran $\frac{3}{4}$ mile and walked $\frac{1}{8}$ mile. How far did he go in total?

3. A board is $\frac{5}{6}$ m long. You cut off $\frac{1}{2}$ m. How much is left?

4. Ava painted $\frac{2}{3}$ of a wall and Sam painted $\frac{1}{6}$. How much is painted in all?

5. A jug holds $\frac{3}{4}$ liter. You drink $\frac{1}{3}$ liter. How much remains?

6. Of a pizza, $\frac{1}{2}$ is cheese and $\frac{1}{4}$ is veggie. How much more is cheese than veggie?

Challenge

7. Maria studied $\frac{2}{3}$ hour, then $\frac{3}{4}$ hour more. How long in total?

8. Why must you find a common denominator before adding fractions?
