

Name: Class:

Add, subtract, multiply, or divide two fractions: Word problems

1. Shely gave $7\frac{1}{2}$ pieces of cake to her brother, Charles and $\frac{2}{3}$ to her son. How much of the pieces of cake did she give away? Write your answer as a mixed number.
2. Alice decided to jog $2\frac{4}{5}$ miles everyday in order to stay healthy. This morning, she jogged $1\frac{1}{4}$ miles. How much more does she need to jog in the evening if she wants to meet her target distance? Write your answer as a mixed number.
3. I have a piece of cloth that is 21 yards in length. I want to divide the piece of cloth evenly into $\frac{1}{3}$ yards. How many pieces will I split the cloth into?
4. Victor comes from a very large family. He has 45 sea shells. He intends to give each of his cousins in their next family come together party $\frac{3}{5}$ of his sea shells so that they can decorate their rooms with it. How many cousins will he give the sea shells to in all?
5. Jane drank $\frac{1}{2}$ of a liter of water in the morning, $\frac{1}{2}$ of a liter of water in the afternoon and $\frac{3}{4}$ of a liter of water before bed time. How much water did she drink in all?
6. Emma has a ribbon that is $\frac{2}{5}$ of a meter long. She cuts out $\frac{3}{12}$ meter from it to decorate a gift for her friend. How much ribbon is left?
7. Last night, Mrs. Hunter kept of the leftover $\frac{3}{4}$ cake in the fridge. The following day, her husband ate $\frac{1}{3}$ of it. What fraction of the cake did her husband eat?
8. Peter bought a piece of metal rod that is $\frac{1}{2}$ meter long. He needs to cut $\frac{1}{4}$ meter out of it to fix his window. What fraction of the metal rod will be left?
9. A recipe calls for $\frac{3}{5}$ of a cup of bread flour. Out of the $\frac{3}{5}$ of a cup of the bread flour, Barbra only used $\frac{1}{4}$ of it. How much of the bread flour did she use?

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1. Therefore, shely gave away $8\frac{1}{6}$ pieces of cake
2. So, he needs to jog $1\frac{11}{20}$ miles in the evening
3. So, I will split the cloth into 7 pieces.
4. So, he will give the sea shells to 45 of his cousins.
5. So, she drank $1\frac{3}{4}$ liter of water in all.
6. So, $\frac{3}{20}$ meter of the ribbon is left.
7. So, her husband ate $\frac{1}{4}$ of the pizza.
8. So, $\frac{1}{4}$ meter of the metal rod will be left.
9. So, she used $\frac{3}{20}$ of a cup of bread flour out of the $\frac{3}{5}$ that the recipe calls for.