

Fraction multiplication word problems

Grade 5 Word Problems Worksheet

1. There was $\frac{5}{8}$ of a pie left in the fridge. Daniel ate $\frac{1}{4}$ of the leftover pie. How much of a pie did he have?
2. Olivia took out 8 glasses and poured juice from the pitcher. The capacity of each glass is $\frac{3}{10}$ liter. If there was enough juice for 6 glasses, how much juice was there?
3. Pam baked some cupcakes for her friends. She baked 24 cupcakes. Each cupcake is $\frac{2}{15}$ pound. If she packed 6 cupcakes in each box, what is the weight of each box?



4. According to a recipe, each batch of pancake mix can make 12 pancakes. Kathy is making 3 batches for a brunch party. If each batch needs $\frac{7}{12}$ cups of milk, how much milk does she need in total?

5. There are $\frac{7}{8}$ kilograms of salt in the kitchen. Mrs. Jackson used $\frac{2}{15}$ of the salt when she was preparing dinner. How much salt did she use?

6. According to a recipe, $\frac{9}{20}$ oz of sugar is needed to make 6 cookies. Ashley decided to use only a third of the sugar to make it healthier. How much sugar did Ashley use?