

Fractions

Skill 5 - 12F

Problem Solving

Answer: Test question 12F

Kevin spent $\frac{1}{3}$ of his money for a snack. He spent $\frac{2}{4}$ of his money for lunch. What fraction of his money did he spend in all? Write your answer in simplest form.

$\frac{1}{3} + \frac{2}{4}$	$\frac{1}{3} \times \frac{4}{4} = \frac{4}{12}$	$\frac{2}{4} \times \frac{3}{3} = \frac{6}{12}$	$\frac{4}{12} + \frac{6}{12} = \frac{10}{12}$	simplify $\frac{10}{12} = \frac{5}{6}$
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Directions: Solve the following word problems.

1. John and Marcel shared a pizza. The pizza has eight slices. John ate 2 slices and Marcel ate 2 slices. Write 2 equivalent fractions for the part of the pizza that was left.
2. Andrew has 12 toy cars. Four of the cars are blue. Write 2 equivalent fractions that name the fraction of the cars that are blue. Write 2 equivalent fractions for the cars that are not blue.
3. Maria had 16 pieces of candy. She gave 3 pieces to Joan and 7 pieces to Wendy. Write 2 equivalent fractions that name the part of the candy that Maria has left.

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8. Joey and Sara shared a pizza. Joey ate $\frac{3}{8}$ of the pizza and Sara ate $\frac{2}{8}$ of the pizza. What fraction of the pizza did Joey and Sara eat?

9. Gary spent $\frac{3}{8}$ of his money on paper and $\frac{1}{2}$ of his money on a pen. Which item cost more?

10. Samantha has a toy car collection. In her collection $\frac{1}{4}$ of the cars are red and $\frac{3}{8}$ of the cars are blue. What fraction of the cars are not red or blue?

11. Nancy sold $\frac{2}{5}$ of her candies at lunchtime and $\frac{3}{10}$ of her candies after school. What fraction of her candies did she sell in all?

Answers: Skill 12F, Grade 5

1. $\frac{4}{8}$ or $\frac{1}{2}$	2. blue $\frac{4}{12}$ or $\frac{1}{3}$ not blue $\frac{8}{12}$ or $\frac{2}{3}$		3. $\frac{6}{16}$ or $\frac{3}{8}$	4. $\frac{8}{10}$ or $\frac{4}{5}$
5. $\frac{6}{10}$	6. $\frac{5}{6}$	7. $\frac{3}{4}$	8. $\frac{5}{8}$	9. the pen
10. $\frac{1}{4} + \frac{3}{8} = \frac{2}{8} + \frac{3}{8} = \frac{5}{8}$ cars not red or blue = $\frac{3}{8}$		11. $\frac{2}{5} + \frac{3}{10} = \frac{4}{10} + \frac{3}{10} = \frac{7}{10}$ she sold $\frac{7}{10}$		