Fraction Word Problems: Grade 5, Set A

Name: _____

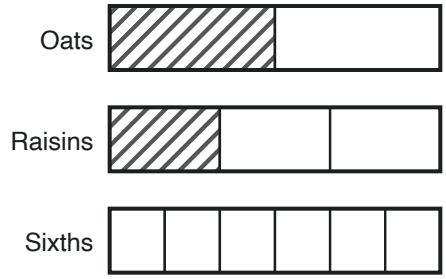
Adding and subtracting fractions with different denominators

Read each story. Use the picture to help you. Fill in the equation, then write your answer.

1 Ben mixes $\frac{1}{2}$ of a cup of oats with $\frac{1}{3}$ of a cup of raisins. How much trail mix does he make?

$\frac{3}{6} + \frac{2}{6} = \frac{\square}{\square}$

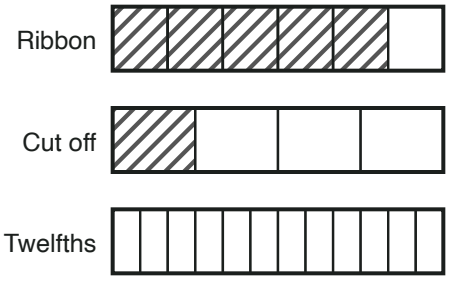
Answer: $\frac{\square}{\square}$ of a cup



2 A ribbon is $\frac{5}{6}$ of a yard long. Ivy cuts off $\frac{1}{4}$ of a yard. How long is the ribbon now?

$\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$

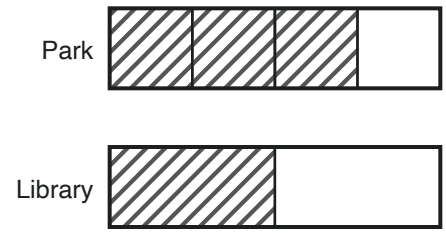
Answer: $\frac{\square}{\square}$ of a yard



3 Eli walks $\frac{3}{4}$ of a mile to the park. Then he walks $\frac{1}{2}$ of a mile to the library. How far does he walk in all?

$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$

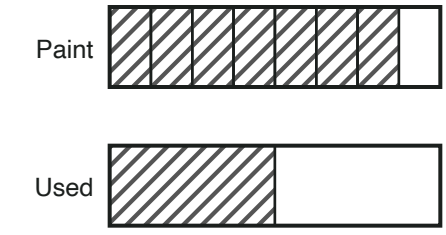
Answer: $\square\ \frac{\square}{\square}$ miles



4 Maya has $\frac{7}{8}$ of a gallon of paint. She uses $\frac{1}{2}$ of a gallon on a fence. How much paint is left?

$\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$

Answer: $\frac{\square}{\square}$ of a gallon



Fraction Word Problems: Grade 5, Set A (Answer Key)

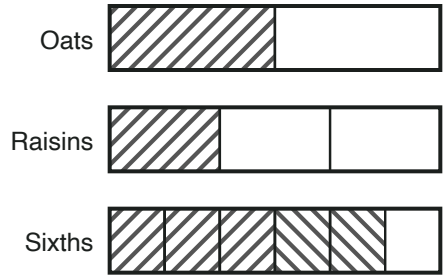
Adding and subtracting fractions with different denominators

Read each story. Use the picture to help you. Fill in the equation, then write your answer.

1 Ben mixes $\frac{1}{2}$ of a cup of oats with $\frac{1}{3}$ of a cup of raisins. How much trail mix does he make?

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

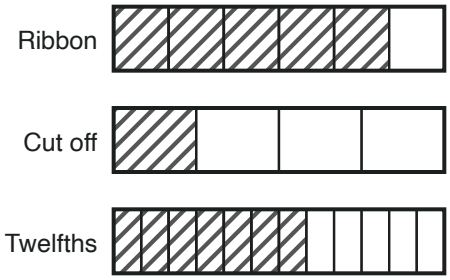
Answer: $\frac{5}{6}$ of a cup



2 A ribbon is $\frac{5}{6}$ of a yard long. Ivy cuts off $\frac{1}{4}$ of a yard. How long is the ribbon now?

$$\frac{10}{12} - \frac{3}{12} = \frac{7}{12}$$

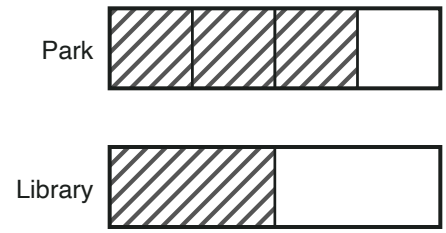
Answer: $\frac{7}{12}$ of a yard



3 Eli walks $\frac{3}{4}$ of a mile to the park. Then he walks $\frac{1}{2}$ of a mile to the library. How far does he walk in all?

$$\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$$

Answer: $1\ \frac{1}{4}$ miles



4 Maya has $\frac{7}{8}$ of a gallon of paint. She uses $\frac{1}{2}$ of a gallon on a fence. How much paint is left?

$$\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$$

Answer: $\frac{3}{8}$ of a gallon

