



Fraction Word Problems I

For each word problem, make a labeled sketch and write an equation. Always reduce your answer to the equivalent fraction with the lowest denominator.

After school, Adam spent $\frac{1}{4}$ of an hour on math, $\frac{1}{4}$ on reading, and $\frac{1}{4}$ on science.

What fraction of an hour did he spend on studying?

Labeled Sketch:

$1/4$	$1/4$	$1/4$
math	reading	science

Equation:

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4} \text{ hour}$$

Kyle had $\frac{5}{6}$ of a carton of eggs. After he used some to bake cookies, $\frac{1}{6}$ of the carton was left. What fraction of the carton did Kyle use? Can you reduce your answer by finding an equivalent fraction with a denominator of 3?

Labeled Sketch:

Equation:

The morning break lasts $\frac{5}{8}$ of an hour. During the break, Danny spent $\frac{1}{8}$ of an hour jumping rope. What fraction of an hour did he have left after that? Reduce your answer by finding an equivalent fraction with a denominator of 2.

Labeled Sketch:

Equation:

(Continued on the next page.)



Fraction Word Problems II

For each word problem, make a labeled sketch and write an equation.

The store had $\frac{5}{6}$ of a box of apples. It sold $\frac{3}{6}$ of the box in the morning. What fraction of the box did the store have left after that?

Labeled Sketch:

Equation:

Walter bought three boxes of fruit. They weigh $1\frac{2}{6}$ pounds, $1\frac{2}{6}$ pounds, and $2\frac{1}{6}$ pounds. What is the total weight of the three boxes?

Labeled Sketch:

Equation:

Tracy used $1\frac{2}{8}$ gallons of red paint, $2\frac{1}{8}$ gallons of blue paint, and $2\frac{3}{8}$ gallons of white paint to paint her house. How many gallons of paint did Tracy use in total?

Labeled Sketch:

Equation: