**Lesson 2 Word-Problem Examples**

1. One cookie recipe calls for  cup of sugar. Another recipe calls for  cups of sugar. How many cups of sugar are needed for both recipes?
2. Hannah eats  of a pizza. Damian eats  of the same pizza. How much of the pizza is left?
3. On Friday, the Thompson family traveled 450.8 miles. On Saturday, the family traveled 604.6 miles. How many miles did they travel in all?
4. Kayla’s history book is  inches thick. Her math book is  inches thick. How much thicker is her math book than her history book?
5. A large pumpkin weighs 10.4 pounds. A smaller pumpkin weighs 3.6 pounds. How much less does the smaller pumpkin weigh?

**Lesson 2 Word-Problem Examples - KEY**

1. One cookie recipe calls for  cup of sugar. Another recipe calls for  cups of sugar. How many cups of sugar are needed for both recipes?

$$\frac{2}{3}+1\frac{1}{4}=1\frac{11}{12}$$

$1\frac{11}{12}$ cups of sugar are needed for both recipes.

1. Hannah eats  of a pizza. Damian eats  of the same pizza. How much of the pizza is left?

$$\frac{1}{4}+\frac{2}{3}=\frac{11}{12}$$

$$1-\frac{11}{12}=\frac{1}{12}$$

$\frac{1}{12}$ of the pizza remains.

1. On Friday, the Thompson family traveled 450.8 miles. On Saturday, the family traveled 604.6 miles. How many miles did they travel in all?

450.8 + 604.6 = 1055.4

The Thompson family drove 1,055.4 miles.

1. Kayla’s history book is  inches thick. Her math book is  inches thick. How much thicker is her math book than her history book?

$$1\frac{3}{8}-1\frac{1}{6}=\frac{5}{24}$$

Kaya’s math book is $\frac{5}{24}$ inch thicker than her history book.

1. A large pumpkin weighs 10.4 pounds. A smaller pumpkin weighs 3.6 pounds. How much less does the smaller pumpkin weigh?

10.4 – 3.6 = 6.8

The smaller pumpkin weighs 6.8 less pounds.