

Adding and Subtracting Fractions with Different Denominators Word Problems

1. Mia baked two pies for a party. She ate $\frac{3}{8}$ of one pie and $\frac{5}{6}$ of the other pie. How much pie did she eat in total?
2. In a school cafeteria, $\frac{2}{5}$ of the students ordered pizza, and $\frac{1}{4}$ ordered hamburgers. What fraction of the students ordered either pizza or hamburgers?
3. A recipe calls for $\frac{1}{3}$ cup of sugar and $\frac{1}{2}$ cup of flour. How much more flour than sugar is needed for the recipe?
4. There are $\frac{5}{6}$ of a tank of gas in one car and $\frac{3}{8}$ of a tank in another car. How much more gas is in the first car than in the second car?
5. A farmer has $\frac{7}{12}$ acre of land planted with corn and $\frac{1}{4}$ acre planted with tomatoes. How much more land is planted with corn than with tomatoes?

6. Sam has $\frac{3}{5}$ of a candy bar, and Sarah has $\frac{2}{3}$ of a candy bar. How much more candy bar does Sarah have than Sam?

7. A family spent $\frac{2}{3}$ of their monthly income on rent and $\frac{1}{4}$ of their monthly income on groceries. What fraction of their monthly income is left?

8. Jenny spent $\frac{3}{4}$ of her allowance on a book and $\frac{2}{5}$ of her allowance on a toy. How much of her allowance did she spend in total?

9. A swimming pool is $\frac{5}{6}$ full, and then $\frac{1}{3}$ of the water is drained. What fraction of the pool's capacity is left filled with water?

10. A construction worker used $\frac{3}{4}$ of a bag of cement for one project and $\frac{1}{5}$ of a bag for another project. How much cement is left in the bag?