

## 16. How to switch between improper fractions and mixed numbers



### Scenario Questions:

1. Sameen baked 3 and  $\frac{1}{2}$  cookies. How many half cookies is this? Write this amount as an improper fraction.
2. John ran 2 and  $\frac{3}{4}$  miles. How many quarter miles did he run? Express your answer as an improper fraction.
3. Lisa read 5 and  $\frac{2}{3}$  chapters of a book. Express this number in terms of thirds. Write your answer as an improper fraction.
4. There are  $\frac{7}{2}$  cups of flour left in the container. How many full cups of flour is this equivalent to. Give your answer in mixed number form?
5. After a pizza party  $\frac{9}{4}$  pizza were left. How many whole pizzas were left over? Express your answer as a mixed number.

## 16. How to switch between improper fractions and mixed numbers



### Scenario Questions:

6. Pedro ate  $11\frac{1}{3}$  slices of cake. How many whole cakes did he eat? Express your answer as a mixed number.

7. Sarah's recipe calls for 4 and  $\frac{5}{6}$  cups of sugar. How many  $\frac{1}{6}$  cups of sugar is this equivalent to in improper fraction form?

8. Jake's recipe calls for 6 and  $\frac{3}{8}$  tablespoons of butter. How many  $\frac{1}{8}$  tablespoons of butter is this equivalent to as an improper fraction?

9. Hardeep's recipe calls for 8 and  $\frac{1}{2}$  teaspoons of vanilla extract. How many  $\frac{1}{2}$  teaspoons of vanilla extract is this equivalent to in improper fraction form?

10. There are  $13\frac{3}{5}$  pounds of apples in a basket. How many whole pounds of apples are there? Express your answer as a mixed number.

# 16. How to switch between improper fractions and mixed numbers



## Scenario Questions: **Answers**

1. Sameen baked 3 and  $\frac{1}{2}$  cookies. How many half cookies is this? Write this amount as an improper fraction.

**1.  $\frac{7}{2}$**

2. John ran 2 and  $\frac{3}{4}$  miles. How many quarter miles did he run? Express your answer as an improper fraction.

**2.  $\frac{11}{4}$**

3. Lisa read 5 and  $\frac{2}{3}$  chapters of a book. Express this number in terms of thirds. Write your answer as an improper fraction.

**3.  $\frac{17}{3}$**

4. There are  $\frac{7}{2}$  cups of flour left in the container. How many full cups of flour is this equivalent to. Give your answer in mixed number form?

**4. 3 and  $\frac{1}{2}$**

5. After a pizza party  $\frac{9}{4}$  pizza were left. How many whole pizzas were left over? Express your answer as a mixed number.

**5. 2 and  $\frac{1}{4}$**

6. Pedro ate  $\frac{11}{3}$  slices of cake. How many whole cakes did he eat? Express your answer as a mixed number.

**6. 3 and  $\frac{2}{3}$**

7. Sarah's recipe calls for 4 and  $\frac{5}{6}$  cups of sugar. How many  $\frac{1}{6}$  cups of sugar is this equivalent to in improper fraction form?

**7.  $\frac{29}{6}$**

8. Jake's recipe calls for 6 and  $\frac{3}{8}$  tablespoons of butter. How many  $\frac{1}{8}$  tablespoons of butter is this equivalent to as an improper fraction?

**8.  $\frac{51}{8}$**

9. Hardeep's recipe calls for 8 and  $\frac{1}{2}$  teaspoons of vanilla extract. How many  $\frac{1}{2}$  teaspoons of vanilla extract is this equivalent to in improper fraction form?

**9.  $\frac{17}{2}$**

10. There are  $\frac{13}{5}$  pounds of apples in a basket. How many whole pounds of apples are there? Express your answer as a mixed number.

**10. 2 and  $\frac{3}{5}$**