



## Introduction to Fractions

### A. Choose the Correct Answer:

1. What is the fraction form of "3 out of 5"?

a)  $\frac{5}{3}$   
c)  $\frac{2}{5}$

b)  $\frac{3}{5}$   
d)  $\frac{1}{5}$

2. In the fraction  $\frac{4}{7}$ , the number 7 is called:

- a) Numerator  
c) Denominator

- b) Whole  
d) Factor

3. Which of the following is a proper fraction?

a)  $\frac{9}{9}$   
c)  $\frac{4}{5}$

b)  $\frac{11}{4}$   
d)  $\frac{7}{3}$

4. What does the numerator of a fraction represent?

- a) Total parts  
c) Shaded or selected parts

- b) Equal parts  
d) None

5. Which of the following is not a fraction?

a)  $\frac{0}{5}$   
c)  $\frac{5}{6}$

b)  $\frac{6}{0}$   
d)  $\frac{2}{9}$

### B. Write the Missing Terms to Complete the Sentences:

1. A fraction represents a part of a \_\_\_\_\_.

2. In the fraction  $\frac{2}{9}$ , the numerator is \_\_\_\_\_.

3. If a shape is divided into 4 equal parts and 1 part is shaded, the fraction is \_\_\_\_\_.

4. A fraction where the numerator is greater than the denominator is called an \_\_\_\_\_ fraction.

5. The number written below the line in a fraction is called the \_\_\_\_\_.

### C. Figure out the answers to these questions:

1. Write any two examples of fractions from daily life.

2. Draw a rectangle and divide it into 6 equal parts. Shade 3 parts and write the corresponding fraction.

3. Compare the fractions  $\frac{3}{4}$  and  $\frac{2}{3}$  using suitable method. Which one is greater?
4. Convert the fraction  $\frac{7}{10}$  into words.
5. Write two proper and two improper fractions.
6. Arrange the fractions  $\frac{2}{5}$ ,  $\frac{1}{3}$ ,  $\frac{4}{5}$ , and  $\frac{3}{10}$  in ascending order.
7. If Riya ate 2 slices out of a pizza that had 8 equal slices, what fraction of the pizza did she eat? What fraction remains?
8. Identify the numerator and denominator in each of the following:  $\frac{5}{9}$ ,  $\frac{8}{3}$ , and  $\frac{1}{7}$ .

**D. Mark each sentence with a True (✓) or False (X):**


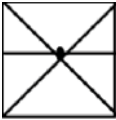
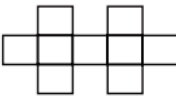


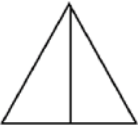
1. A fraction is always less than 1.
2. The fraction  $\frac{7}{7}$  is equal to 1.
3. Fractions with different denominators can be added directly.
4. In the fraction  $\frac{4}{11}$ , 4 is the denominator.
5. A proper fraction is always less than 1.

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**E. Challenge yourself with these questions:**

1. A watermelon is cut into 8 equal slices. Tina eats 3 of them. Write the fraction of watermelon she ate.
2. Shade  $\frac{2}{6}$  of a circle divided into 6 equal parts.
3. A class has 30 students. 12 are girls. Write the fraction of girls in the class.
4. You read 5 out of 12 chapters in a book. Express this as a fraction.
5. Out of 50 questions in a test, a student answered 40 correctly. Write the fraction of correct answers.

**F. Shade the figure according to the given fractions.**

1.  =  $\frac{5}{8}$
2.  =  $\frac{3}{6}$
3.  =  $\frac{3}{9}$
4.  =  $\frac{6}{12}$
5.  =  $\frac{1}{2}$
6.  =  $\frac{1}{4}$