

## Chapter – 7 | Fractions

## QUIZ-01

1. When one whole object is divided equally among 4 people, each person gets:

- A.  $\frac{1}{3}$   
B.  $\frac{1}{2}$   
C.  $\frac{1}{4}$   
D. 4 (C)

**Explanation:** One whole divided into 4 equal parts gives each share as  $\frac{1}{4}$ .

2. Which of the following fractions is greater?

- A.  $\frac{1}{9}$   
B.  $\frac{1}{5}$   
C. Both are equal  
D. Cannot be compared (B)

**Explanation:** For unit fractions, the smaller the denominator, the larger the fraction.

3. Which of the following is a unit fraction?

- A.  $\frac{2}{5}$   
B.  $\frac{3}{4}$   
C.  $\frac{1}{8}$   
D.  $\frac{5}{6}$  (C)

**Explanation:** A unit fraction has numerator equal to 1.

4. In the fraction  $\frac{7}{9}$ , the denominator is:

- A. 7  
B. 16  
C. 9  
D. 1 (C)

**Explanation:** The denominator is the bottom number of a fraction.

5. Which of the following fractions is greater than 1?

- A.  $\frac{3}{5}$   
B.  $\frac{7}{7}$   
C.  $\frac{4}{9}$   
D.  $\frac{9}{8}$  (D)

**Explanation:** A fraction is greater than 1 when the numerator is greater than the denominator.

6. Which of the following represents an equivalent fraction of  $\frac{1}{2}$ ?

- A.  $\frac{2}{3}$   
B.  $\frac{3}{6}$   
C.  $\frac{4}{10}$   
D.  $\frac{5}{8}$  (B)

**Explanation:**  $\frac{3}{6}$  represents the same value as  $\frac{1}{2}$ .

7. The simplest form of the fraction  $\frac{12}{18}$  is:

- A.  $\frac{6}{9}$   
B.  $\frac{4}{6}$   
C.  $\frac{3}{4}$   
D.  $\frac{2}{3}$  (D)

**Explanation:** Dividing numerator and denominator by 6 gives  $\frac{2}{3}$ .

8. What is the value of  $\frac{2}{5} + \frac{1}{5}$ ?

- A.  $\frac{1}{5}$   
B.  $\frac{2}{10}$   
C.  $\frac{3}{10}$   
D.  $\frac{3}{5}$  (D)

**Explanation:** When denominators are the same, add the numerators.

9. Which of the following fractions lies between 0 and 1?

- A.  $\frac{5}{4}$   
B.  $\frac{7}{6}$   
C.  $\frac{3}{2}$   
D.  $\frac{4}{7}$  (D)

**Explanation:** A fraction lies between 0 and 1 when the numerator is smaller than the denominator.

10. Which statement about equivalent fractions is correct?

- A. They have the same denominator  
B. They always have the same numerator  
C. They represent the same value  
D. They are always unit fractions (C)

**Explanation:** Equivalent fractions represent the same part of a whole.