

## CHAPTER-7 | Fraction

QUIZ  
PART-15

1. 5 glasses of juice shared among 4 friends is written as:

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

**Explanation:** 5 glasses shared equally among 4 friends means  $\frac{5}{4}$  glass for each friend.

2.  $\frac{5}{4} = \frac{?}{8}$

- A. 8  
B. 9  
C. 10  
D. 12 (C)

**Explanation:** Multiply numerator and denominator by 2:  $\frac{5}{4} = \frac{10}{8}$ .

3. 4 kg of potatoes divided equally in 3 bags is written as:

- A.  $\frac{3}{4}$   
B.  $\frac{4}{3}$   
C.  $\frac{12}{3}$   
D.  $\frac{4}{12}$  (B)

**Explanation:** 4 kg divided equally in 3 bags means  $\frac{4}{3}$  kg in each bag.

4.  $\frac{4}{3} = \frac{12}{?}$

- A. 6  
B. 8  
C. 9  
D. 12 (C)

**Explanation:** To make 4 become 12, multiply by 3. So 3 also becomes 9. Hence  $\frac{4}{3} = \frac{12}{9}$ .

5. 7 rotis divided among 5 children is written as:

- A.  $\frac{5}{7}$   
B.  $\frac{7}{5}$   
C.  $\frac{7}{10}$   
D.  $\frac{5}{10}$  (B)

**Explanation:** 7 rotis shared by 5 children gives  $\frac{7}{5}$  roti per child.

6. Which is equivalent to  $\frac{5}{4}$ ?

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

**Explanation:** Multiply numerator and denominator by the same number:  $\frac{5}{4} = \frac{10}{8}$ .

7. Which is equivalent to  $\frac{4}{3}$ ?

- A.  $\frac{8}{5}$   
B.  $\frac{12}{9}$   
C.  $\frac{6}{5}$   
D.  $\frac{4}{6}$  (B)

**Explanation:**  $\frac{4}{3} \times \frac{3}{3} = \frac{12}{9}$ .

8. To make equivalent fractions, we multiply numerator and denominator by:

- A. different numbers  
B. zero  
C. the same number  
D. only 2 (C)

**Explanation:** Equivalent fractions are made by multiplying both numerator and denominator by the same number. This is used in all three questions here.

9. If  $\frac{7}{5}$  is multiplied by  $\frac{2}{2}$ , the equivalent fraction is:

- A.  $\frac{9}{7}$   
B.  $\frac{14}{10}$   
C.  $\frac{12}{10}$   
D.  $\frac{10}{14}$  (B)

**Explanation:**  $\frac{7}{5} \times \frac{2}{2} = \frac{14}{10}$ .

10. Which pair shows equal shares?

- A.  $\frac{5}{4}$  and  $\frac{10}{8}$   
B.  $\frac{5}{4}$  and  $\frac{8}{10}$   
C.  $\frac{4}{3}$  and  $\frac{4}{6}$   
D.  $\frac{7}{5}$  and  $\frac{5}{7}$  (A)

**Explanation:**  $\frac{5}{4} = \frac{10}{8}$ , so both represent the same share.