

CHAPTER-7 | Fraction

QUIZ
PART-17

1. If denominators are equal, the greater fraction has the:

- A. smaller numerator
- B. larger numerator
- C. same numerator
- D. smaller denominator (B)

Explanation: When fractions have the same denominator, the one with the larger numerator is greater.

2. Which is greater?

- A. $\frac{5}{7}$
- B. $\frac{3}{7}$
- C. both are equal
- D. cannot say (A)

Explanation: The denominators are equal, so compare numerators. Since $5 > 3$, $\frac{5}{7} > \frac{3}{7}$.

3. If numerators are equal, the greater fraction has the:

- A. larger denominator
- B. smaller denominator
- C. same denominator
- D. larger numerator (B)

Explanation: When numerators are equal, the fraction with the smaller denominator is greater.

4. Which is greater?

- A. $\frac{4}{9}$
- B. $\frac{4}{11}$
- C. both are equal
- D. cannot say (A)

Explanation: The numerators are equal. Since $9 < 11$, $\frac{4}{9} > \frac{4}{11}$.

5. When both numerator and denominator are different, we compare by:

- A. adding both fractions
- B. converting to the same denominator
- C. making numerator 1
- D. subtracting denominators (B)

Explanation: The chapter says fractions with different denominators are compared by converting to the same denominator.

6. Which fraction is greater?

- A. $\frac{2}{5}$
- B. $\frac{3}{7}$
- C. both are equal
- D. cannot say (B)

Explanation: Convert to a common denominator: $\frac{2}{5} = \frac{14}{35}$ and $\frac{3}{7} = \frac{15}{35}$. So $\frac{3}{7}$ is greater.

7. 1 chikki divided between 2 children is:

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

Explanation: One chikki shared equally by 2 children gives $\frac{1}{2}$ to each child.

8. 5 chikkis divided among 8 children gives each child:

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

Explanation: Five chikkis shared equally among 8 children gives $\frac{5}{8}$ to each child.

9. Which is greater?

- A. $\frac{1}{2}$
- B. $\frac{5}{8}$
- C. both are equal
- D. none (B)

Explanation: Convert to a common denominator: $\frac{1}{2} = \frac{4}{8}$, and $\frac{5}{8} > \frac{4}{8}$. So $\frac{5}{8}$ is greater.

10. In the assessment, the correct comparison is:

- A. $\frac{3}{4} > \frac{4}{5}$
- B. $\frac{3}{4} < \frac{4}{5}$
- C. $\frac{3}{4} = \frac{4}{5}$
- D. None of these (B)

Explanation: Convert to a common denominator: $\frac{3}{4} = \frac{15}{20}$ and $\frac{4}{5} = \frac{16}{20}$. So $\frac{3}{4} < \frac{4}{5}$.