

CHAPTER-7 | Fraction

QUIZ
PART-19

1. To add fractions, first we make their:

- A. numerators equal
- B. denominators equal
- C. values zero
- D. signs same (B)

Explanation: The chapter says that to add and subtract fractions, we first make the denominators equal.

2. If denominators are equal, we add or subtract the:

- A. denominators only
- B. numerators only
- C. both randomly
- D. whole numbers only (B)

Explanation: When denominators are equal, we add or subtract the numerators and keep the denominator the same.

3. $3/8 + 2/8 =$

- A. $5/8$
- B. $5/16$
- C. $1/8$
- D. $6/8$ (A)

Explanation: Same denominator, so add numerators:

$$3 + 2 = 5. \text{ Result is } 5/8.$$

4. $7/9 - 4/9 =$

- A. $3/9$
- B. $4/9$
- C. $1/9$
- D. $11/9$ (A)

Explanation: Same denominator, so subtract numerators: $7 - 4 = 3$. Result is $3/9$.

5. If denominators are different, first we find the:

- A. HCF
- B. LCM
- C. sum
- D. product only (B)

Explanation: The chapter says to first find the LCM of the denominators.

6. $1/4 + 1/6 =$

- A. $2/10$
- B. $5/12$
- C. $1/10$
- D. $2/12$ (B)

Explanation: LCM of 4 and 6 is 12. So $1/4 = 3/12$ and $1/6 = 2/12$. Their sum is $5/12$.

7. $5/8 - 3/10 =$

- A. $13/40$
- B. $2/18$
- C. $8/18$
- D. $1/5$ (A)

Explanation: LCM of 8 and 10 is 40. So $5/8 = 25/40$ and $3/10 = 12/40$. Difference is $13/40$.

8. The sum of $3/5$ and $4/5$ is:

- A. $2/5$
- B. $7/5$
- C. $5/7$
- D. $1/5$ (B)

Explanation: Same denominator, so $3 + 4 = 7$. Result is $7/5$. This matches the assessment.

9. $10/3 - 12/6 =$

- A. $7/3$
- B. $6/3$
- C. $5/3$
- D. $4/3$ (D)

Explanation: $12/6 = 2 = 6/3$. Then $10/3 - 6/3 = 4/3$. This matches the assessment.

10. "Brahmagupta Method" appears in this part as:

- A. a poem
- B. a heading/topic
- C. an answer option
- D. a fraction name (B)

Explanation: The PDF includes BRAHMAGUPTA METHOD as a heading/topic in this part.