

CHAPTER-7 | Fraction

QUIZ
PART-24

1. $5/8 - 3/8 =$

- A. $2/8$
 B. $8/2$
 C. $3/5$
 D. $1/8$ (A)

Explanation: The denominators are the same, so subtract the numerators: $5 - 3 = 2$. Result is $2/8$.

2. $7/9 - 5/9 =$

- A. $12/9$
 B. $2/9$
 C. $5/7$
 D. $1/9$ (B)

Explanation: Same denominator, so subtract numerators: $7 - 5 = 2$. Result is $2/9$.

3. $10/27 - 1/27 =$

- A. $9/27$
 B. $11/27$
 C. $10/26$
 D. $1/10$ (A)

Explanation: Same denominator, so $10 - 1 = 9$. Result is $9/27$.

4. In $5/8 - 3/8$, the denominators are:

- A. different
 B. equal
 C. prime only
 D. not given (B)

Explanation: Both fractions have denominator 8, so the denominators are equal.

5. In $7/9 - 5/9$, we subtract the:

- A. denominators
 B. numerators
 C. both numerator and denominator
 D. whole numbers (B)

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

6. Which subtraction has denominator 27?

- A. $5/8 - 3/8$
 B. $7/9 - 5/9$
 C. $10/27 - 1/27$
 D. none of these (C)

Explanation: Only the third expression uses denominator 27.

7. Which result is smallest?

- A. $2/8$
 B. $2/9$
 C. $9/27$
 D. all are equal (B)

Explanation: Compare them: $2/8 = 1/4$, $2/9$, and $9/27 = 1/3$. The smallest is $2/9$.

8. Which result is greatest?

- A. $2/8$
 B. $2/9$
 C. $9/27$
 D. all are equal (C)

Explanation: $9/27 = 1/3$, which is greater than $1/4$ and $2/9$.

9. $2/8$ in simplest form is:

- A. $1/2$
 B. $1/4$
 C. $2/4$
 D. $4/8$ (B)

Explanation: Divide numerator and denominator by 2: $2/8 = 1/4$. This comes from $5/8 - 3/8$.

10. $9/27$ in simplest form is:

- A. $1/3$
 B. $3/9$
 C. $9/3$
 D. $2/9$ (A)

Explanation: Divide numerator and denominator by 9: $9/27 = 1/3$. This comes from $10/27 - 1/27$.