

CHAPTER-1 | Fractions In Disguise

QUIZ
PART-01

1. The word "per cent" means:

- A. Out of hundred
- B. Out of ten
- C. Out of one
- D. Out of thousand (A)

Explanation: "Per cent" comes from Latin "per centum," meaning out of hundred.

2. 25% means:

- A. 25 out of 100
- B. 25 out of 10
- C. 25 out of 1000
- D. 25 out of 50 (A)

Explanation: 25% means 25 per 100.

3. Percentages are fractions with denominator:

- A. 10
- B. 50
- C. 100
- D. 1000 (C)

Explanation: A percentage is a fraction written out of 100.

4. 20% is equal to:

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

Explanation: $20\% = \frac{20}{100} = \frac{1}{5}$.

5. $\frac{3}{4}$ as a percentage is:

- A. 25%
- B. 50%
- C. 75%
- D. 100% (C)

Explanation: $\frac{3}{4} \times 100 = 75\%$.

6. If red paint is $\frac{3}{4}$ of a mixture, red paint is:

- A. 25%
- B. 50%
- C. 75%
- D. 80% (C)

Explanation: $\frac{3}{4}$ of the mixture equals 75%.

7. If red paint is 75%, yellow paint is:

- A. 15%
- B. 25%
- C. 50%
- D. 75% (B)

Explanation: Total is 100%, so yellow = $100\% - 75\% = 25\%$.

8. To express a fraction as a percentage, multiply it by:

- A. 10
- B. 50
- C. 100
- D. 1000 (C)

Explanation: Fraction $\times 100$ gives its percentage form.

9. $\frac{7}{20}$ as a percentage is:

- A. 14%
- B. 21%
- C. 35%
- D. 28% (C)

Explanation: $\frac{7}{20} \times 100 = 35\%$.

10. Salman Khan has 20 shirts, and 5 are white. White shirts are:

- A. 5%
- B. 15%
- C. 25%
- D. 35% (C)

Explanation: $\frac{5}{20} \times 100 = 25\%$.