

CHAPTER-1 | Fractions In Disguise

QUIZ
PART-07

1. What decimal is equivalent to 50%?

- A. 0.05
- B. 0.5
- C. 5.0
- D. 50

(B)

Explanation : $50\% = 50/100 = 0.5$.

2. To find 50% of a value, we multiply the value by:

- A. 0.25
- B. 0.75
- C. 0.5
- D. 1.0

(C)

Explanation : 50% means one-half, which is equal to 0.5.

3. What decimal should be multiplied to find 10% of a quantity?

- A. 0.01
- B. 0.1
- C. 1.0
- D. 10.0

(B)

Explanation : $10\% = 10/100 = 0.1$.

4. Which fraction is equivalent to 25%?

- A. $1/2$
- B. $1/4$
- C. $3/4$
- D. $1/10$

(B)

Explanation : $25\% = 25/100 = 1/4$.

5. What decimal is equivalent to 75%?

- A. 0.25
- B. 0.5
- C. 0.75
- D. 0.9

(C)

Explanation : $75\% = 75/100 = 0.75$.

6. Which percentage is equal to the decimal 0.01?

- A. 1%
- B. 5%
- C. 10%
- D. 25%

(A)

Explanation : $0.01 \times 100 = 1\%$.

7. What decimal is equivalent to 5%?

- A. 0.5
- B. 0.05
- C. 0.005
- D. 5.0

(B)

Explanation : $5\% = 5/100 = 0.05$.

8. What fraction is equivalent to 100%?

- A. $1/2$
- B. $1/4$
- C. 1
- D. 10

(C)

Explanation : 100% means the whole quantity, which is equal to 1.

9. The maximum marks in a test are 75. Students need 80% or above for an A grade. What is 80% of 75?

- A. 50
- B. 55
- C. 60
- D. 65

(C)

Explanation : $80\% \text{ of } 75 = (80/100) \times 75 = 60$.

Therefore, Zubin must score at least 60 marks.

10. Which of the following percentages is equal to the fraction $3/4$?

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

(C)

Explanation : $3/4 = 75/100 = 75\%$.