

## MCQs for Class 9 Maths Chapter 3 The World of Numbers

**Question 1: Which of the following is an irrational number?**

**Options:**

- (A).  $\frac{5}{8}$
  - (B). 0.75
  - (C).  $\sqrt{7}$
  - (D). 12
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**Question 2: Which number is a whole number?**

**Options:**

- (A). -3
  - (B). 0
  - (C).  $\frac{2}{5}$
  - (D).  $\sqrt{2}$
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**Question 3: What is the square root of 196?**

**Options:**

- (A). 12
  - (B). 13
  - (C). 14
  - (D). 15
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**Question 4: Which of the following is a rational number?**

**Options:**

- (A).  $\pi$
- (B).  $\sqrt{5}$

(C).  $11/13$

(D).  $\sqrt{17}$

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**Question 5: The decimal expansion of  $3/8$  is:**

**Options:**

(A). 0.125

(B). 0.375

(C). 0.625

(D). 0.875

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**Question 6: Which number is neither prime nor composite?**

**Options:**

(A). 0

(B). 1

(C). 2

(D). 5

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**Question 7: The reciprocal of  $7/9$  is:**

**Options:**

(A).  $9/7$

(B).  $7/9$

(C).  $-9/7$

(D). 1

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**Question 8: Which of the following is divisible by both 2 and 3?**

**Options:**

(A). 25

- (B). 39
  - (C). 42
  - (D). 55
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**Question 9: What is the cube root of 216?**

**Options:**

- (A). 4
  - (B). 5
  - (C). 6
  - (D). 7
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**Question 10: Which of the following is an integer?**

**Options:**

- (A).  $\frac{3}{4}$
  - (B). -9
  - (C).  $\sqrt{6}$
  - (D). 8.5
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**Question 11: Which number is a perfect square?**

**Options:**

- (A). 28
  - (B). 36
  - (C). 45
  - (D). 63
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**Question 12: The decimal expansion of an irrational number is always:**

**Options:**

- (A). Terminating
  - (B). Repeating
  - (C). Non-terminating and non-repeating
  - (D). Whole number
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**Question 13: Find the value of  $(- 15) + 9$ .**

**Options:**

- (A). - 6
  - (B). 6
  - (C). - 24
  - (D). 24
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**Question 14: Which fraction is already in simplest form?**

**Options:**

- (A).  $\frac{8}{12}$
  - (B).  $\frac{10}{20}$
  - (C).  $\frac{7}{13}$
  - (D).  $\frac{15}{25}$
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**Question 15: Which of the following is a prime number?**

**Options:**

- (A). 15
  - (B). 27
  - (C). 31
  - (D). 39
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**Question 16: The HCF of 24 and 36 is:**

**Options:**

- (A). 6
  - (B). 8
  - (C). 10
  - (D). 12
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**Question 17: Which of the following is an even number?**

**Options:**

- (A). 19
  - (B). 27
  - (C). 48
  - (D). 53
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**Question 18: The additive identity of integers is:**

**Options:**

- (A). 0
  - (B). 1
  - (C). -1
  - (D). 10
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**Question 19: Which decimal is terminating?**

**Options:**

- (A).  $\frac{2}{3}$
- (B).  $\frac{5}{9}$
- (C).  $\frac{7}{25}$
- (D).  $\frac{11}{18}$

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**Question 20: Which of the following is a composite number?**

**Options:**

- (A). 17
- (B). 19
- (C). 23
- (D). 25

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**Question 21: What is the square root of 81?**

**Options:**

- (A). 7
- (B). 8
- (C). 9
- (D). 10

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**Question 22: The multiplicative identity is:**

**Options:**

- (A). 0
- (B). 1
- (C). -1
- (D). 100

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**Question 23: Which number is not divisible by 5?**

**Options:**

- (A). 35
- (B). 50
- (C). 72
- (D). 95

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**Question 24: Which of the following is a natural number?**

**Options:**

- (A). -7
- (B). 0
- (C). 14
- (D).  $\frac{1}{2}$

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**Question 25: The product of two integers is always:**

**Options:**

- (A). Irrational
- (B). Rational
- (C). Prime
- (D). Whole number only

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**Answers:**

1. (C).  $\sqrt{7}$
2. (B). 0
3. (C). 14
4. (C).  $\frac{11}{13}$
5. (B). 0.375
6. (B). 1
7. (A).  $\frac{9}{7}$
8. (C). 42
9. (C). 6
10. (B). -9
11. (B). 36

- 12. (C). Non-terminating and non-repeating
- 13. (A). -6
- 14. (C).  $\frac{7}{13}$
- 15. (C). 31
- 16. (D). 12
- 17. (C). 48
- 18. (A). 0
- 19. (C).  $\frac{7}{25}$
- 20. (D). 25
- 21. (C). 9
- 22. (B). 1
- 23. (C). 72
- 24. (C). 14
- 25. (B). Rational

