

Class 10 Maths Chapter 1 Real Numbers MCQs For Practice

1. The least number that is divisible by all the numbers from 1 to 10 (both inclusive) is

- (a) 10
- (b) 100
- (c) 504
- (d) 2520

2. Express 875 as the product of its prime factors.

- (a) $5^2 \times 7$
- (b) $5^3 \times 7$
- (c) $5^3 \times 3$
- (d) $5^3 \times 3^2$

3. When a number is divided by 11, its remainder will be always

- (a) greater than 11
- (b) at least 11
- (c) less than 11
- (d) at most 11

4. $(4 + 6\sqrt{3}) + (6 - 5\sqrt{3})$ is

- (a) an integer
- (b) a natural number
- (c) a rational number
- (d) an irrational number

5. The expression $3 \times 5 \times 7 + 7$ is a

- (a) composite number
- (b) prime number
- (c) odd number
- (d) irrational number

6. Two numbers with 18 as their HCF and 3672 as their LCM are

- (a) 216 and 306
- (b) 256 and 306
- (c) 206 and 316
- (d) 162 and 216

7. HCF of 847 and 2160 is

- (a) 3
- (b) 2
- (c) 1
- (d) 7

8. Which of the following is irrational number?

- (a) $\sqrt{2} \cdot \sqrt{8}$
- (b) $\sqrt{2} \cdot \sqrt{3}$
- (c) $\sqrt{5} \cdot \sqrt{5}$

(d) $\sqrt{125/5}$

9. For any positive integer n , $n^3 - n$ is

- (a) divisible by 8
- (b) divisible by 11
- (c) divisible by 7
- (d) divisible by 6

10. The decimal expansion of $7/80$ will be terminated after

- (a) two decimal points
- (b) three decimal points
- (c) four decimal points
- (d) one decimal point

***** ANSWER KEY *****

1 - (d) 2 - (b) 3 - (c) 4 - (d) 5 - (a)
6 - (a) 7 - (c) 8 - (b) 9 - (d) 10 - (c)