

CHAPTER-1 | A Square and A Cube

QUIZ
PART-021. What is 13^2 ?

- A. 149
B. 159
C. 169
D. 179

(C)

Explanation : $13 \times 13 = 169$.2. What is 24^2 ?

- A. 526
B. 576
C. 625
D. 676

(B)

Explanation: $24 \times 24 = 576$.

3. Which number is a perfect square?

- A. 111
B. 122
C. 133
D. 144

(D)

Explanation: $144 = 12^2$.

4. Which is not a perfect square?

- A. 1
B. 4
C. 7
D. 9

(C)

Explanation: 7 is not the square of any natural number.

5. The square of 5 is:

- A. 10
B. 15
C. 20
D. 25

(D)

Explanation : $5 \times 5 = 25$.

6. What is the area of a square with side length 4 units?

- A. 8 sq. units
B. 12 sq. units
C. 16 sq. units
D. 20 sq. units

(C)

Explanation : Area = $4 \times 4 = 16$ sq. units.7. How do we write $n \times n$?

- A. $2n$
B. n^2
C. $n + 2$
D. $n - 2$

(B)

Explanation : $n \times n$ is written as n^2 , read as "n square."8. What is 30^2 ?

- A. 300
B. 600
C. 800
D. 900

(D)

Explanation : $30 \times 30 = 900$.

9. Which list contains only perfect squares?

- A. 1, 4, 9, 16
B. 2, 4, 6, 8
C. 3, 6, 9, 12
D. 5, 10, 15, 20

(A)

Explanation : These are squares of 1, 2, 3, and 4.10. What is 10^2 ?

- A. 20
B. 50
C. 100
D. 1000

(C)

Explanation : $10 \times 10 = 100$.