

CLASS - 8th
A Square and A Cube

mm x 30

86 Points

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Section A

mca: $1 \times 3 = 3$

Q1: The digit at units place of number 59^2 is —
a) 1 b) 3 c) 9 d) 7.

Q2: Value of $\sqrt[3]{216} + \sqrt{196}$ is: — (22, 18, 16, 20)

Q3: For which of following numbers the unit digits of their cube is same as that of unit digit of number.
(171, 764, 39, All of these).

Fill in the blanks:— (1x3=3)

Q4: Sum of Cubes of first three natural numbers is —

Q5: If a number has 3007 at its unit's place, then its square ends with digit —

Q6:— Perfect Square between 270 & 300 is —

True or False? (1x3=3)

Q7:— A cube can end with exactly two zeroes.

Q8:— Sum of first n odd natural numbers is n^2 .

Q9: Taxicab numbers are 1729, 13382.

Section B (3x7=21)

Q-10: What number will you multiply by 1323 to make it a — cube number.

Q-11: Find the smallest square number that is divisible by each of following number: 4, 9 & 10.

Q-12: Find the smallest number by which 9408 must be multiplied so that the product is a perfect square.

Q-13: a) How many numbers lies b/w squares of 18 and 19.



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Guru hamirpuria | 4 May 2026 at 1:41 pm