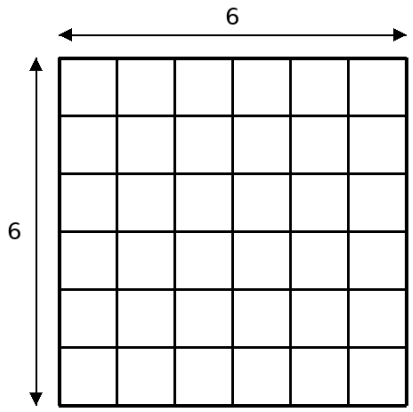
A Square and A Cube: Free Practice Worksheet

Class 8 · Maths · Chapter 1, Ganita Prakash · Home Practice

Name: _____ Roll No.: _____

Attempt all questions · Max marks: 5

Q1. Look at the square made of small squares. How many more small squares are needed to turn it into a square with 7 rows and 7 columns? [1 mark]



(A) 49

(B) 7

(C) 13

(D) 12

Answer: _____

Q2. No perfect square ends in the digit 8. [1 mark]

True / False

Q3. Using prime factorisation, what is the square root of 1764? [1 mark]

(A) 882

(B) 42

(C) 44

(D) 49

Answer: _____

Q4. What is the smallest number by which 540 must be multiplied to get a perfect cube? [1 mark]

(A) 15

(B) 10

(C) 4

(D) 50

Answer: _____

Q5. A big cube is built from 2744 small unit cubes. Each edge of the big cube is _____ unit cubes long. [1 mark]

Answer: _____

Answers

A Square and A Cube: *Free Practice Worksheet* · 5 *questions* · 5 *marks*.

Q1	Option C — 13
Q2	True
Q3	Option B — 42
Q4	Option D — 50
Q5	14

More A Square and A Cube practice, with a worked explanation for every question: *claylearn.in/maths/class-8/a-square-and-a-cube*