Patterns in Mathematics: Free Practice Worksheet

Class 6 · Maths · Chapter 1, Ganita Prakash · Home Practice

Name: _____ Roll No.: _____

Attempt all questions · Max marks: 5

Q1. The cube numbers are 1, 8, 27, 64, ... Which number comes next in the sequence? [1 mark]

(A) 81

(B) 100

(C) 15

(D) 125

Answer: _____

Q2. The odd numbers are 1, 3, 5, 7, ... What is the 40th odd number? [1 mark]

(A) 80

(B) 81

(C) 39

(D) 79

Answer: _____

Q3. Kiran adds odd numbers in order, 1 + 3 + 5 + 7 + ..., and stops when his total is 196. What is the last odd number he added? [1 mark]

(A) 27

(B) 14

(C) 28

(D) 29

Answer: _____

Q4. Adding the powers of 2 from 1 to 32, 1 + 2 + 4 + 8 + 16 + 32, gives 64, the next number in the powers of 2. [1 mark]

True / False

Q5. Adding the counting numbers in order gives the triangular numbers: 1, 1 + 2 = 3, 1 + 2 + 3 = 6, and so on. The sum 1 + 2 + 3 + ... + 20 is _____. [1 mark]

Answer: _____

Answers

Patterns in Mathematics: *Free Practice Worksheet* · 5 *questions* · 5 *marks*.

Q1	Option D — 125
Q2	Option D — 79
Q3	Option A — 27
Q4	False
Q5	210

More Patterns in Mathematics practice, with a worked explanation for every question: *claylearn.in/maths/class-6/patterns-in-mathematics*