



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PRE-MID TERM-1 (2025-26) MATHEMATICS (041) ANSWER KEYS

Class: V
Date: 08.08.2025
Admission no:

Time: 1hr
Max Marks: 25
Roll no:

General Instructions:

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Questions 1 to 5 are 1 mark each.

Questions 6 to 9 are of 2 marks each.

Questions 10 and 13 are of 3 marks each.

SECTION-A

(5 × 1 = 5)

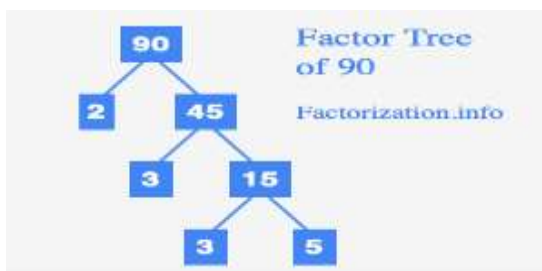
Choose the correct answer.

- 1) Which of the following has no end points?
a) **a line** b) a ray c) a line segment d) None of these
- 2) The measure of a right angle is _____.
a) 180^0 b) 360^0 c) **90^0** d) None of these
- 3) Number which is neither prime nor composite is
a) 0 **b) 1** c) 2 d) None of these
- 4) Which list shows multiples of 4?
a) **4,8,12,16** b) 4,8,22,18 c) 21,4,8,9 d) None of these
- 5) Every factor of a number is _____ the number.
a) greater than or equal to **b) less than or equal to**
c) greater than d) None of these

SECTION- B

(4 × 2 = 8)

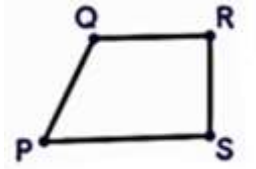
- 6) Write the factors of 20.
Factors of 20 = 1, 2, 4, 5, 10, and 20. _____ (2)
- 7) Use the factor tree method to write the prime factorisation of 90



The prime factorization of 90 using the factor tree method is $2 \times 3 \times 3 \times 5$ _____ (2)

8) Write the name of all the line segments shown in Fig.

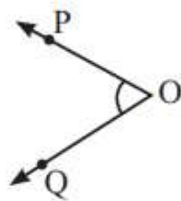
Here are all the line segments (sides) in the quadrilateral PQRS:



Sides: PQ, QR, RS, SP

_____ (2)

9) Name the arms and vertex of each of the following angles



For the angle $\angle PQR$

O — this is the point at which the two rays meet.

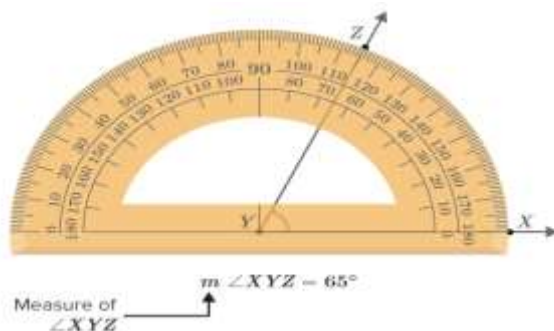
Vertex: O _____ (1)

Arms: OP and OR _____ (1)

SECTION- C

($4 \times 3 = 12$)

10) Construct an angle XYZ of measure 65° with the help of a protractor. _____ (3)



11) Find the LCM of 6 and 9 by common multiples.

List multiples of each number:

Multiples of 6: 6, 12, 18, 24, 30, ... _____ (1)

Multiples of 9: 9, 18, 27, 36, ... _____ (1)

Identify common multiples: 18, 36, 54, ...

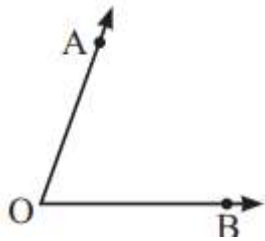
Pick the smallest of these: 18 (LCM) _____ (1)

11) Tick the correct cell of the table by checking the divisibility of the given numbers
(½ mark for each correct answer)

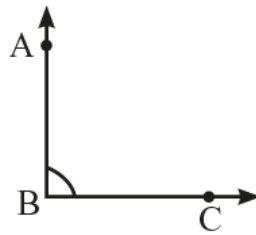
S.No.	Numbers	2	3	5	10
1	2430	√	√	√	√
2	83505		√	√	

12) Identify types of angles of the following figures.

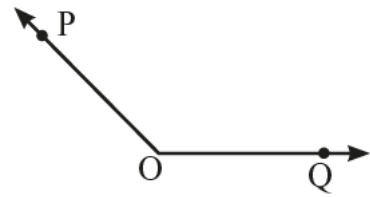
a) **Acute angle**



b) **Right angle**



c) **Obtuse angle**



(1 mark for each correct answer)

*****The End *****