

SUMMATIVE ASSESSMENT I 2025-2026

Mathematics

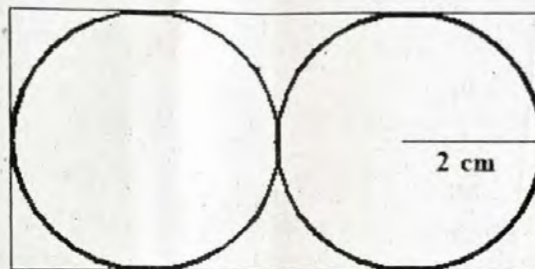
Standard : V

Time : 2 Hrs 15 minutes

Instructions

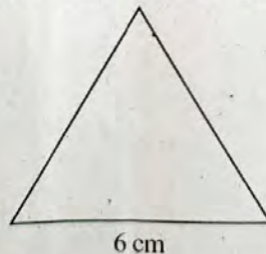
- First 15 minutes is allotted as cool-off time. Read the questions carefully and plan the answers during this time.
- Answer all six questions. Answer all the sub questions.
- Two questions are there in Question 4 and 6. Attempt **any one** of them. (4A or 4B and 6A or 6B).

1. Two circles of radius 2 centimetres each are drawn in a rectangle adjacent to each other.



- What is the height of the rectangle?
- What is the length of the rectangle?
- Which of the following statements are correct about the rectangle?
 - The radius of the circle and the length of the rectangle are equal.
 - The length of the rectangle is twice its height.
 - The height of the rectangle is equal to the radius.
 - The length of the rectangle is 4 times of radius.

A. ii, iii are correct B. i, iv are correct
 C. iii, iv are correct D. ii, iv are correct
- Draw the triangle using the corners of the set square.



2. Given are the population of some of the States of India.

States	Population
Uttar Pradesh	199581477
Sikkim	607688
Kerala	33387677
Himachal Pradesh	6856509
Uttarakhand	10116752
Goa	1457723

- Which state is most populated?
 - Which state has population near to 7 million?
 - Which state has population less than 1 million?
 - The sum of the population of two states is between 20 and 21 lakh. Which are those states?
 - Which of the 3 states with least population written in order from smallest to largest?
 - Sikkim, Himachal Pradesh, Goa
 - Sikkim, Goa, Himachal Pradesh
 - Himachal Pradesh, Sikkim, Goa
 - Sikkim, Goa, Uttarakhand
3. a. How many four digit numbers are there below 5000?
- The largest five digit number that can be formed using 3, 2, 5, 4, 7.
 - Write the largest three digit number having the sum of the digits as 4.
 - 34143 is a palindromic number. Write another five digit palindromic number using the same digits.
 - If all the three digit numbers that can be formed using the digits 4, 6, 7 are arranged from smallest to largest, which of the following is the number that comes after 476?
 - 467
 - 674
 - 647
 - 746

Question 4 has two questions (4 A and 4 B). Answer any one.

4.A.

- Look at the method of finding the product of two numbers. Complete the missing part. What is the product?

	.....	6
10	100	.....
.....	.....	18

- When a number is multiplied by 17, the product is 2040. What will be the product if the next number is multiplied by 17?

c.

a. 21×8	1. $(20 \times 8) + (9 \times 8)$
b. 24×8	2. $(20 \times 8) + (6 \times 8)$
c. 26×8	3. $(20 \times 8) + (1 \times 8)$
d. 29×8	4. $(20 \times 8) + (4 \times 8)$

Which of the following correctly matches the calculations given above?

A. a-3 b-4 c-1 d-2

B. a-3 b-2 c-4 d-1

C. a-3 b-4 c-2 d-1

D. a-3 b-1 c-4 d-2

OR

4.B.

a. $25 \times 15 = 375$ Which of the following is equal to 25×16 ?

A. $375 - 16$

B. $375 + 16$

C. $375 - 25$

D. $375 + 25$

b. See the rectangular multiplication method.

	30	.....
.....	300	20
.....	.....	6

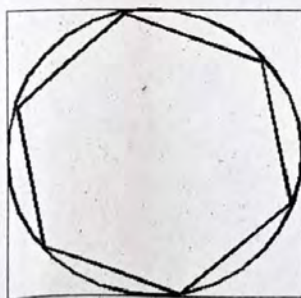
Which are the numbers multiplied?

c. What is the product?

d. Write 49×16 as a number multiplied by the same number.

5.

a. Draw this picture in the given measures.



8 cm

b. Which of the following is correct regarding the radius of the circle in the square?

A. Twice the side of the square.

B. Equal to the side of the square.

- C. Half of the side of the square.
D. Two times half of the side of the square.

Question 6 has two questions (6 A and 6 B). Answer any one.

6.A.

- a. How many packets of pens will be there if 1164 pens are put in packets of 12 each?
b. Find $91 \div 7$ by filling the blanks below.

			7
			91
		
	10		.....
			21
.....			
$91 \div 7 =$	.....	0	

- c. A pattern related to division of 11 is given.

$$(1 \times 22) \div 11 = 2$$

$$(2 \times 22) \div 11 = 4$$

$$(3 \times 22) \div 11 = 6$$

$$(4 \times 22) \div 11 = 8$$

Which of the following is equal to $(10 \times 22) \div 11$?

- A. 2×11 B. 2×10 C. 2×22 D. 10×11

OR

6.B.

- a. Write 1425 as certain times 12 and a remainder.
b. Which of the following is written 128 as certain times 6 and a remainder?
A. $(20 \times 6) + 8$
B. $(21 \times 6) + 2$
C. $(22 \times 6) - 4$
D. $(19 \times 6) + 14$
c. 5, 14, 23, 32 is a pattern of numbers when divided by 9 giving remainder 5. Will 103 be in this pattern? Why?