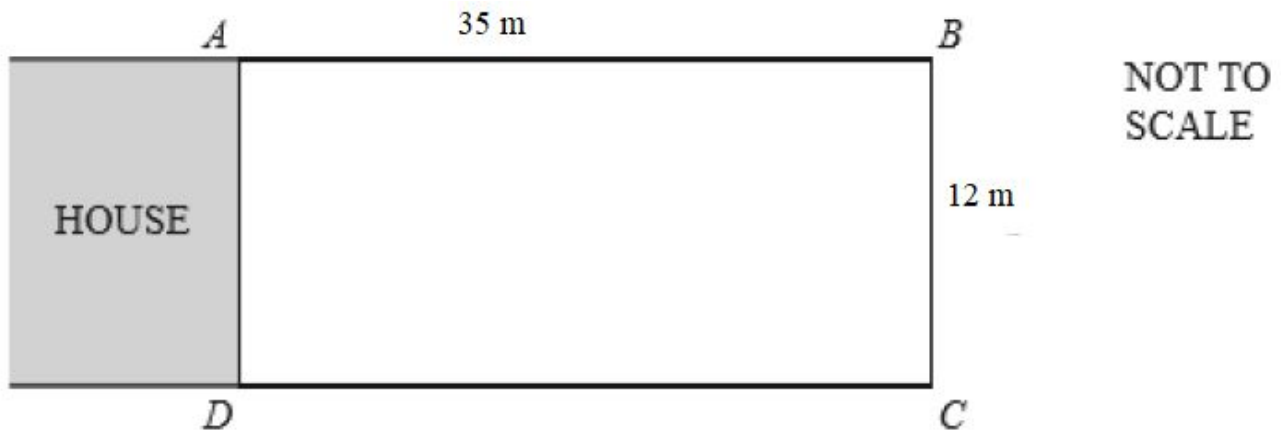


My Garden



The rectangle ABCD shows Ganesh's garden.

Question 1: Ganesh puts a fence around three sides of his garden, AB , BC and CD . The fence costs ₹ 7.50 per meter. Calculate the cost of the fence.

Question 2: Ganesh uses an area of 396 m^2 in his garden for a lawn, flowers and vegetables. He divides this area into three parts, in the ratio

lawn : flowers : vegetables = 5 : 3 : 4 .

Calculate the area used for each part.

Lawn m^2

Flowers m^2

Vegetables m^2

Bakery shop

At a bakery shop, brownie cost ₹25.00 and paneer wrap costs ₹50.00.

Amit spent a total of ₹250.00, buying x brownies and y paneer wraps.

Question 3: Which of the following equation represents the purchases made by Amit.

A) $x + 2y = 15$

B) $x + y = 250$

C) $x + 2y = 10$

D) $2x + y = 10$

Question 4 : If Amit buys 4 brownies, how many paneer wraps did he buy?

Question 5 : If Amit wants to make a combo of brownie and paneer wrap, what is maximum number of combo's he can make?

MY GARDEN

Context: Personal

Context Category: Space & Shape

- 1 Full Credit: 82 m ($AB + BC + CD = 35 + 12 + 35 = 82$ m)
No Credit: Any other answer or missing answer

- 2 Full Credit: Let the area used for each part be x m.

$$396 = 5x + 3x + 4x$$

$$x = 33$$

$$\text{Lawn} \dots 33 \times 5 = 165 \text{ m}^2$$

$$\text{Flowers} \dots 3 \times 33 = 99 \text{ m}^2$$

$$\text{Vegetables} \dots 4 \times 33 = 132 \text{ m}^2$$

Partial Credit: Finding $x = 33$

No Credit: Any other answer or missing answer

Classification of Test Item:

Item No	Process category	Item Format	Cognitive Demand
1	Employing mathematical concepts, facts, procedures	Fixed response	Average
2	Employing mathematical concepts, facts, procedures	Fixed response	Average

Bakery Shop

Context: Personal

Content Category: Change and Relationship

- 3 Full Credit: Option (C) $x + 2y = 10$
No Credit: Any other answer or missing answer

- 4 Full Credit: 3 ($4 + 2y = 10$, $2y = 6$, $y = 3$)
No Credit: Any other answer or missing answer

- 5 Full Credit: 3
No Credit: Any other answer or missing answer

CBSE Mathematics Literacy**Classification of Test Item:**

Item No	Process category	Item Format	Cognitive Demand
3	Employing mathematical concepts, facts, procedures	MCQ	Easy
4	Employing mathematical concepts, facts, procedures	Fixed Response	High
5	Interpreting, applying and evaluating mathematical outcomes	Fixed Response	Average