CITIUS

Perimeter and Area, and Data Handling

WORKSHEET 5

Theme	Perimeter and Area, and Data Handling
Question 1	A boy ran along the entire boundary of a rectangular park. He covered a total distance of 1 km. What is the perimeter of the park? • 300 m • 400 m • 600 m • 1000 m
Question 2	The length of the boundary of a square park is 200 m. What is the area of the park? • 200 sq. m • 800 sq. m • 2500 sq. m • 5000 sq. m
Question 3	One side of a triangle is 24 cm. What is the perimeter of the triangle, if all its sides are equal in length? • 96 cm • 120 cm • 72 cm • 192 cm

Question 4	The length of a rectangle is twice its breadth. The perimeter of the rectangle is 1200 sq. cm. What is the length of the rectangle? • 100 cm • 200 cm • 300 cm • 400 cm
Question 5	A square and a rectangle have equal area. The area of the square is 400 cm^2. What is the breadth of the rectangle, if the length of the rectangle is 40 cm? • 10 cm • 20 cm • 30 cm • 40 cm
Question 6	There is a rectangular board of dimensions 15 m × 10 m. The cost of painting the board is ₹ 15 per sq. m. What is the cost of painting the board? • ₹ 150 • ₹ 500 • ₹ 1,500 • ₹ 2,250

Question 7	The length of a rectangle is 15 m and the breadth is 5 cm less than the length. What is the area of the rectangle?
	• 45 sq. m
	• 75 sq. m
	• 100 sq. m
	• 150 sq. m
Question 8	Data can be represented by _____.
	• numbers only
	• symbols only
	• graphs only
	• all of the above
Question 9	A pictograph given below represents the favourite subject of some children of class 2, 3 and 4.

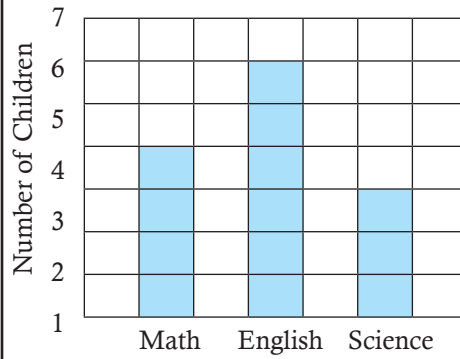| Subject	Number of children
Mathematics	☺ ☺ ☺ ☺ ☺
English	☺ ☺ ☺ ☺
Science	☺ ☺ ☺ ☺ ☺
Hindi	☺ ☺ ☺

Key ☺ represent 10 children and ☺ represents 5 children

How many more children like Science than Hindi?

• 10

• 15

• 20

• 25

Question 10	The bar graph given alongside shows the favourite subject of children
	How many children do not consider Science as their favourite subject?
	- 10
	- 3
	- 6
	- 4

- x -

Answers

Answer 1	1000 m
Answer 2	2500 sq. m
Answer 3	72 cm
Answer 4	400 cm
Answer 5	10 cm
Answer 6	₹ 2,250
Answer 7	150 sq. m
Answer 8	all of the above
Answer 9	15
Answer 10	10

- x -