

INTERNATIONAL INDIAN SCHOOL

BURAI DAH

Worksheet For The Academic Year 2025-26

CLASS: VI SUBJECT: Mathematics DATE: 29/10/2025

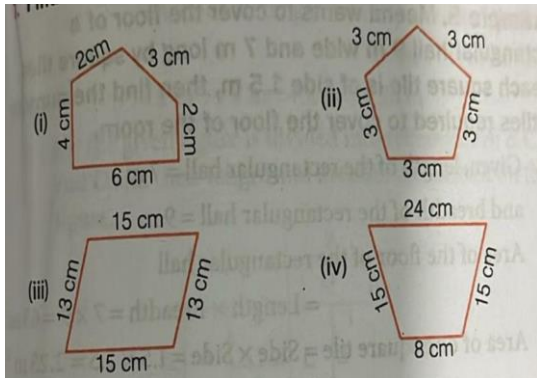
LESSON-6 Perimeter & Area

- 1) The distance covered along the boundary of a closed plane figure is called Perimeter.
- 2) Perimeter of a rectangle = $2(l + b)$
- 3) Perimeter of a square = $4 \times \text{side}$
- 4) Perimeter of a triangle = sum of 3 sides
- 5) Perimeter of an equilateral triangle = $3 \times \text{side of triangle}$
- 6) Find the perimeter of a rectangle whose length is 10cm and breadth is 4cm.
- 7) If the perimeter of a rectangle is 200cm and the length is 75cm , find its breadth.
- 8) An athlete takes 10 rounds of a rectangular field of length 30m and width 20m. Find the total distance covered by him.
- 9) Find the perimeter of a park of side 50m.
- 10) Find the perimeter of a triangle of sides 8cm , 10cm and 14cm.
- 11) Mohan runs 5 times around a rectangular park of length 140m and breadth 90m while Rohan runs 6 times around a square park of side 80m. Who Covers more distance and by how much?
- 12) The perimeter of a rectangular hexagon is 30cm. How long is its one side?
- 13) A floor is 8m long and 6m wide. Find the area of the floor.
- 14) What is the cost of painting a wall of 500cm long and 300cm wide at the rate of Rs 13 per hundred sq.cm?
- 15) Find the area of a square of side 6cm.
- 16) A rectangular floor is 7m long and 6m wide. A square carpet of side 5m is

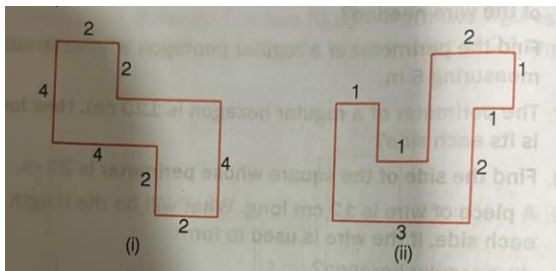
laid on the floor. Find the area of the floor not carpeted.

17) A rectangular plot of land has dimensions 15m x 10m. There are 5 square flower beds in the plot of side 5m. Find the area of the remaining part of the plot.

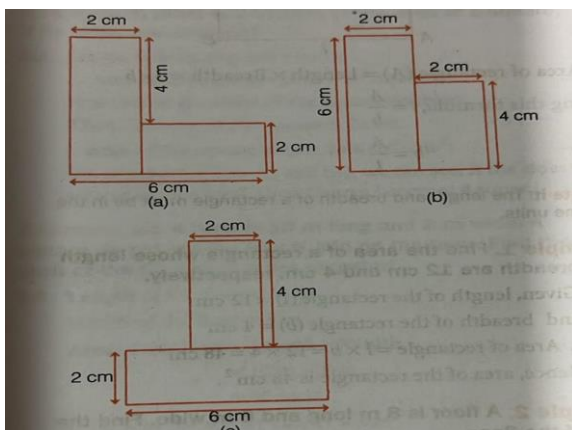
18) Find the perimeter of the following figures:



19) Find the area of the following figures:

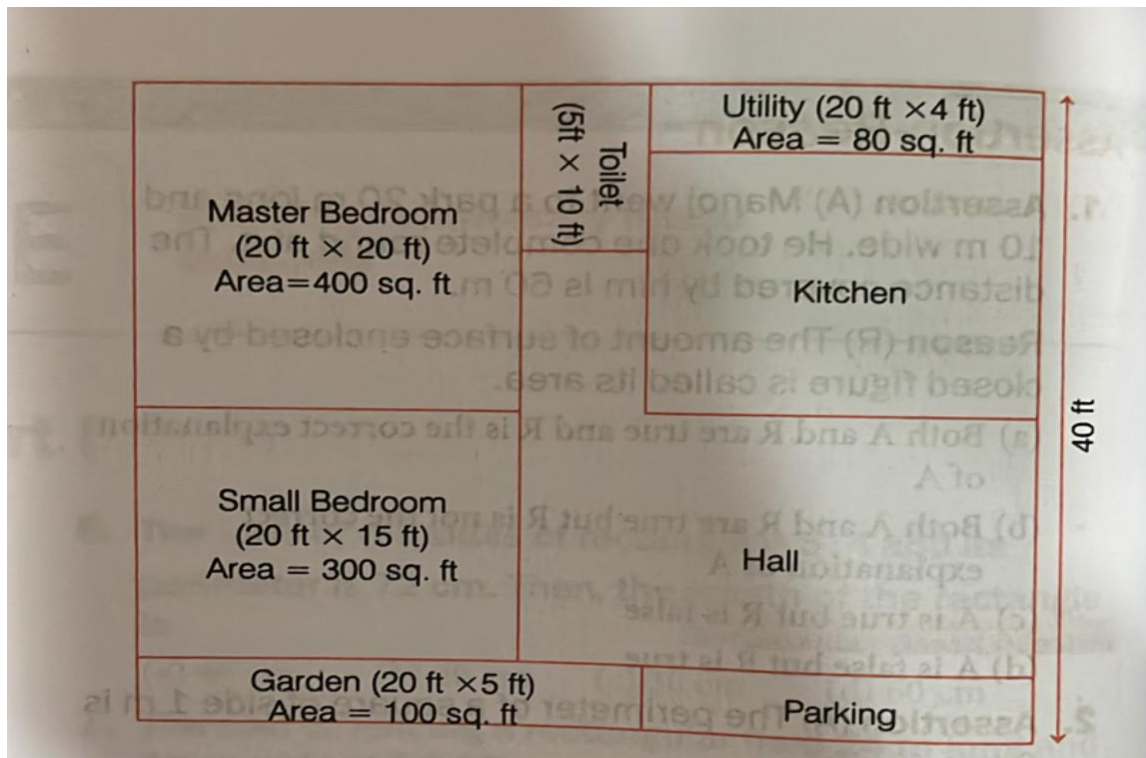


20) Find the perimeter of the following figures:

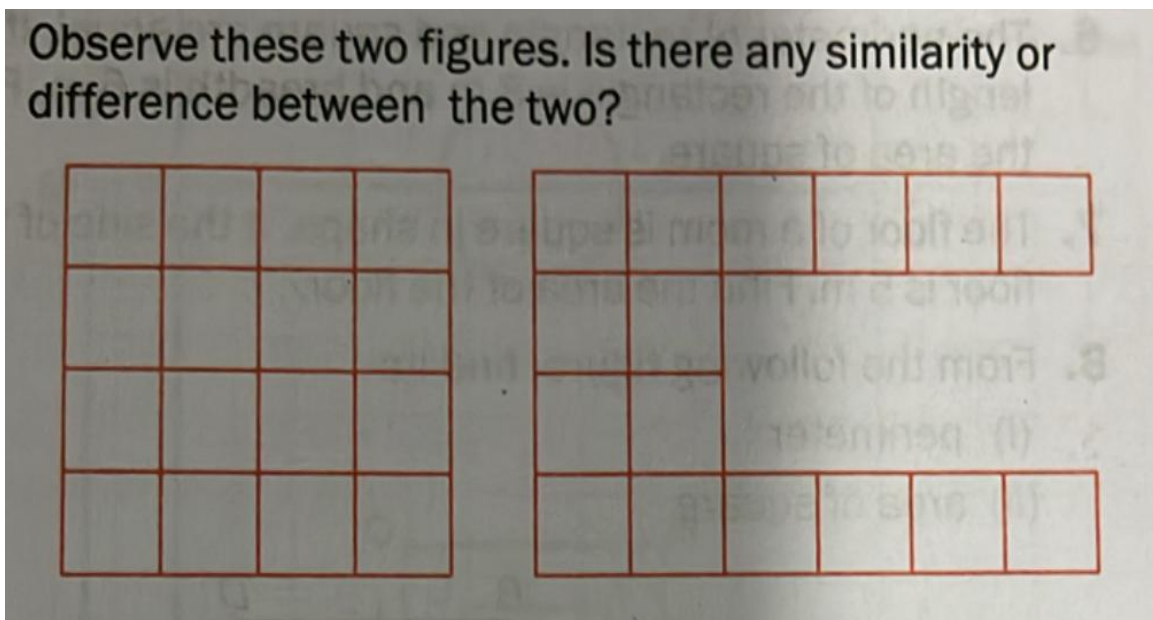


21) In the figure , find a) Perimeter of the parking area

b) The length & breadth of the kitchen c) Area of the hall



22) Find the area & Perimeter of both figures and compare:



23) Two figures having same area can have different Perimeters.

ANSWERS

6) 28cm 7) 25cm 8) 1000m 9) 200m 10) 32cm 12) 5cm 13) 48 sq.m

11) Mohan covers more distance by 380m

14) Rs 19500 15) 24 sq.cm 16) 17 sq.m 17) 25 sq.m

18) i) 17cm ii) 15cm iii) 56cm iv) 62cm

19) i) 20 sq.units ii) 7 sq.m

20) a) 24cm b) 20cm c) 24cm

21) a) 50 ft b) 20 ft & 16 ft c) 425 sq.ft

22) Area of both figures are same and it is equal to 16 sq.units

Perimeter of first figure = 16 units

Perimeter of second figure = 20 units

Perimeter of second figure is more.