Perimeter and Area

Q1. **Tick the garden having greater area:**

a.

b.
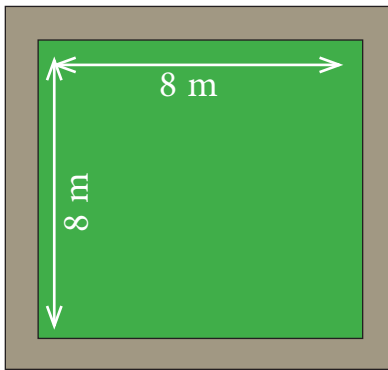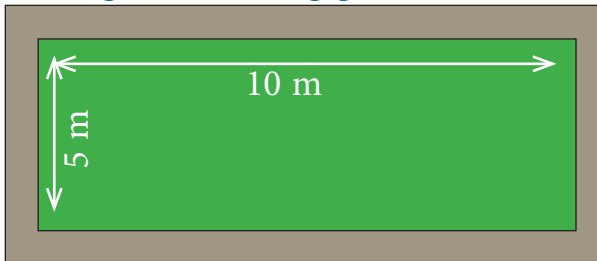
Q2. **Find the perimeter of the following:**
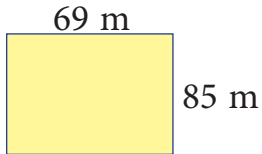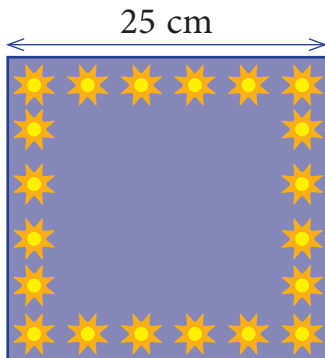

a.

Perimeter = _____

b.
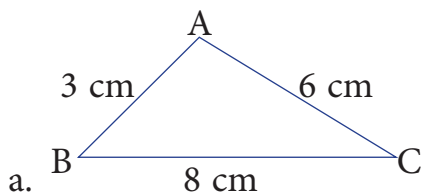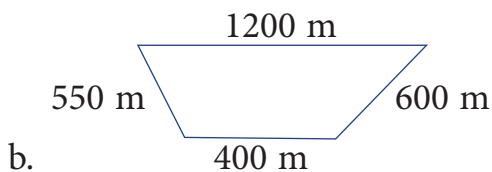
Perimeter = _____

Q3. Find the perimeter of the shaded portion:

69 m

85 m

Perimeter = _____

Q4. Seema is painting a border on her handkerchief in the following manner:

25 cm

Find the total length of the border painted by Seema.

Answer: _____ cm

Q5. Give one word for:
a. The length of the total boundary of a figure is called its _____.
b. The amount of surface area covered by an object is called its _____.

Q6. The following picture shows the dimensions of the park where Mrs. Kiran goes for a walk every morning. Find the distance she has walked in the park if she has taken one full round.

15 m

15 m   15 m

15 m   15 m

15 m
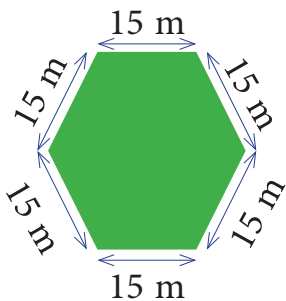
Answer: Distance walked in park: _____

Q7. **Find the perimeter of Mr. Sharma's garden and house.**

20 m

House

15 m

25 m
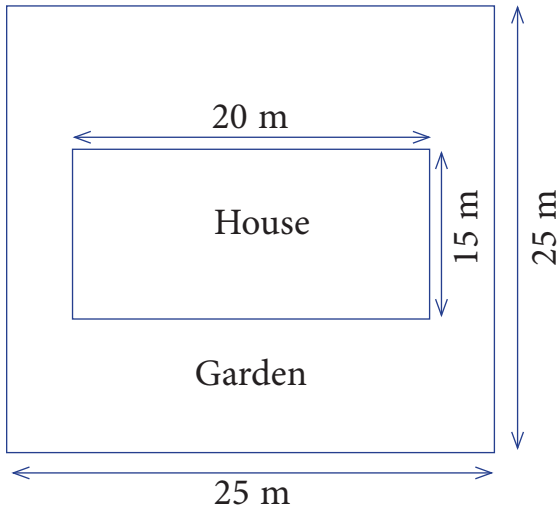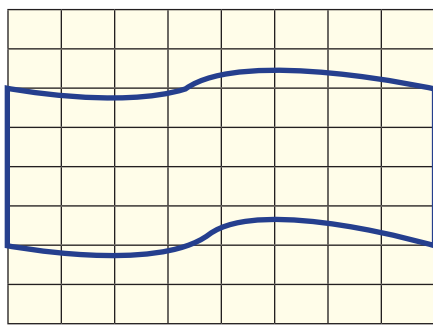
Garden

25 m

Answer: a. Perimeter of garden = _____

b. Perimeter of house = _____

Q8. **Find the area of the given shapes. Each square has an area of 1 square centimetre. This is a square whose length and breadth are 1 cm.**
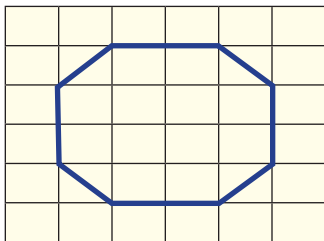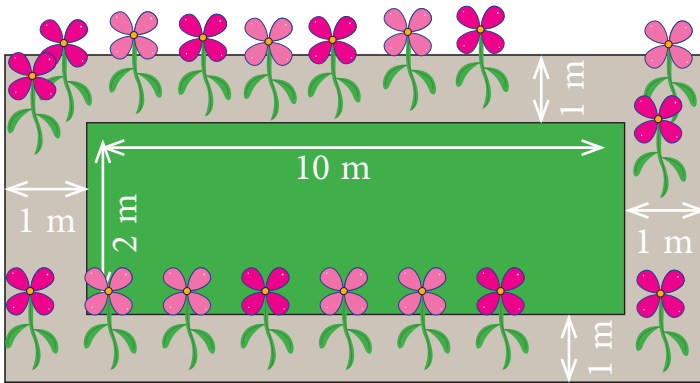
a.

Area = _____

b.

Area = _____

Q9. Following is a picture of a park that has a lawn and a flower bed around the entire lawn. Find the area of the entire park:

Answer: Area of the park = _____

Q10. If the length and breadth of a rectangular card are 5 cm and 7 cm respectively what will be the area of the card?

Answer: _____

Q11. Raj has to paint a rectangular wall 5 m long and 3 m wide. Find the area he has to paint.

Answer: _____

Q12. Shilpa has to put a rectangular wooden frame around a picture 25 cm long and 15 cm wide. Find the length of the wooden border needed to make the frame.

Answer: _____

Q13. Find the area and perimeter of the rectangles with the following dimensions and fill in the table:

Length	Breadth	Perimeter	Area
2 cm	12 cm	_____	_____
3 cm	8 cm	_____	_____
10 cm	2 cm	_____	_____
7 cm	5 cm	_____	_____

Q14. Draw a square of side 6 cm. Divide it into two equal halves. Shade half of the square and find its area.

Answer:

Area of one half of the square = _____

Q15. Write 'A' for Area and 'P' for Perimeter:

What would you calculate if you have to find:
a. How much lace to be put as border around a rectangular table cloth?   _____
b. How much polish would you require to polish a table top?   _____
c. How many tiles would be needed to cover the floor of a kitchen?   _____
d. How much iron wire is required to put up a fence around a building?   _____
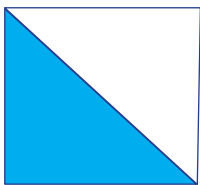
1. (b)

2. a. 17 cm
   b. 2750 m

3. 308 m

4. 100 cm

5. a. perimeter
   b. area

6. 90 m

7. a. 100 m
   b. 70 m

8. a. 14 cm²
   b. 32 cm²

9. 48 m²

10. 35 cm²

11. 15 m²

12. 80 cm

13.

Length	Breadth	Perimeter	Area
2 cm	12 cm	28 cm	24 cm²
3 cm	8 cm	22 cm	24 cm²
10 cm	2 cm	24 cm	20 cm²
7 cm	5 cm	24 cm	35 cm²

14.

18 cm²

15. a. P
     b. A
     c. A
     d. P