

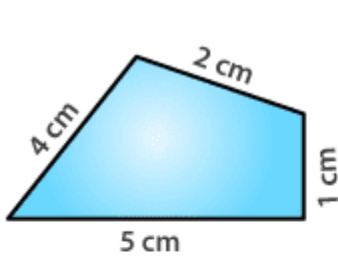
# VIDYA BHAWAN BALIKA VIDYA PITH

शक्तिउत्थानआश्रमलखीसरायबिहार

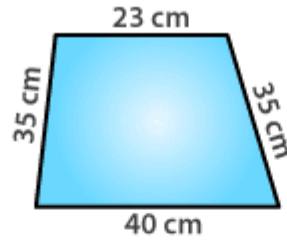
Class :-06(Maths)

Date:- 30.05.2021

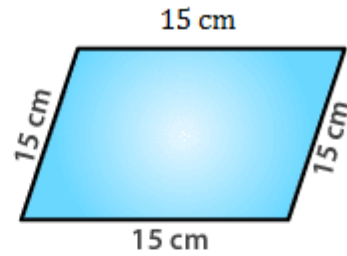
1. Find the perimeter of each of the following figures:



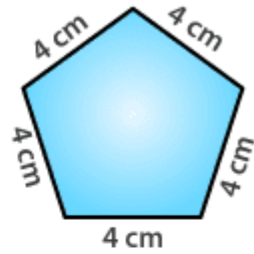
(a)



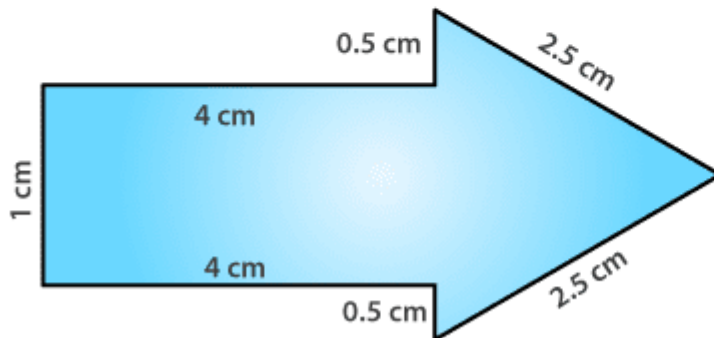
(b)



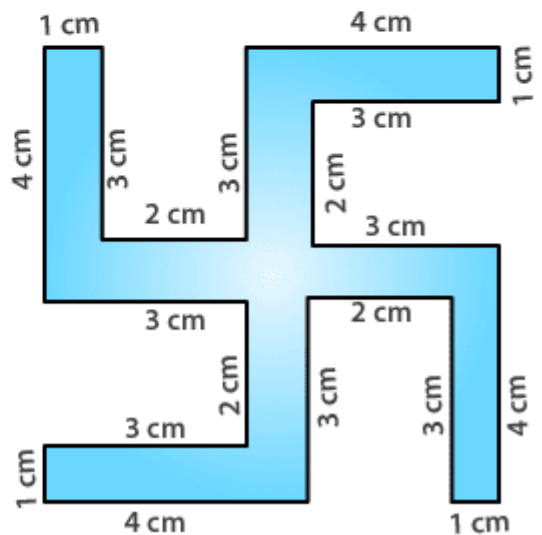
(c)



(d)



(e)



(f)

**Solutions:**

(a) Perimeter = Sum of all the sides

$$= 1 + 2 + 4 + 5$$

$$= 12 \text{ cm}$$

(b) Perimeter = Sum of all the sides

$$= 23 + 35 + 35 + 40$$

$$= 133 \text{ cm}$$

(c) Perimeter = Sum of all the sides

$$= 15 + 15 + 15 + 15$$

$$= 60 \text{ cm}$$

(d) Perimeter = Sum of all the sides

$$= 4 + 4 + 4 + 4 + 4$$

$$= 20 \text{ cm}$$

(e) Perimeter = Sum of all the sides

$$= 1 + 4 + 0.5 + 2.5 + 2.5 + 0.5 + 4$$

$$= 15 \text{ cm}$$

(f) Perimeter = Sum of all the sides

$$= 4 + 1 + 3 + 2 + 3 + 4 + 1 + 3 + 2 + 3 + 4 + 1 + 3 + 2 + 3 + 4 + 1 + 3 + 2 + 3$$

$$= 52 \text{ cm}$$

**2. The lid of a rectangular box of sides 40 cm by 10 cm is sealed all around with tape. What is the length of the tape required?**

**Solutions:**

Length of required tape = Perimeter of rectangle

$$= 2 (\text{Length} + \text{Breadth})$$

$$= 2 (40 + 10)$$

$$= 2 (50)$$

$$= 100 \text{ cm}$$

$\therefore$  Required length of tape is 100 cm