



Mensuration Ex 20.1 Q1

Answer :

Fig. (ii), (iii), (iv), (vi) and (vii) are closed curves, whereas fig. (i), (iii), (iv) and (vi) are simple closed curves.

Mensuration Ex 20.1 Q2

Answer :

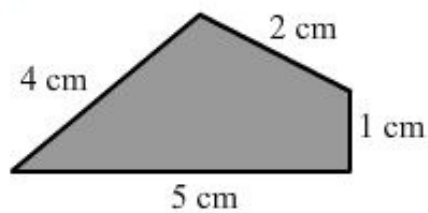
The length of the boundary of a closed figure is known as its perimeter.

Mensuration Ex 20.1 Q3

Answer :

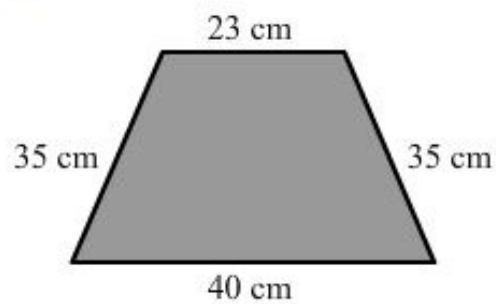
Perimeter = Sum of lengths of all sides of a closed figure

(i)



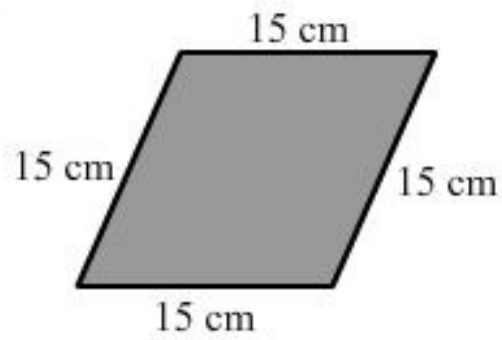
$$\text{Perimeter} = (4 + 2 + 1 + 5) \text{ cm} = 12 \text{ cm}$$

(ii)



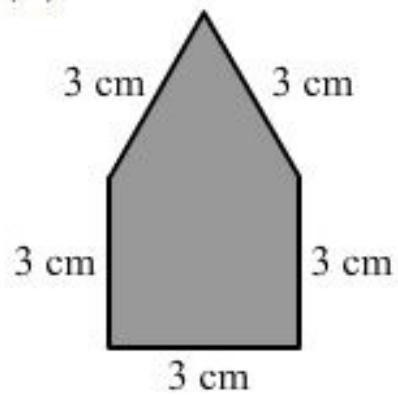
$$\text{Perimeter} = (23 + 35 + 40 + 35) \text{ cm} = 133 \text{ cm}$$

(iii)



$$\text{Perimeter} = (15 + 15 + 15 + 15) \text{ cm} = 60 \text{ cm}$$

(iv)



$$\text{Perimeter} = (3 + 3 + 3 + 3 + 3) \text{ cm} = 15 \text{ cm}$$

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