Mathematics

Area and Perimeter

Wednesday

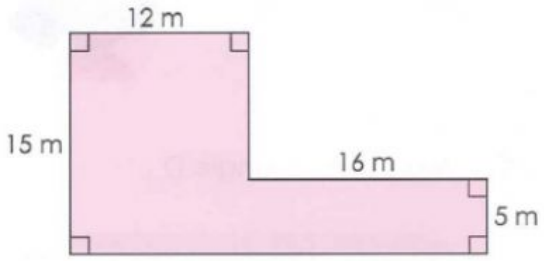
Read and Understand.

Finding area of composite figures by adding areas of rectangles

Let's Learn

Find the area of the figure.

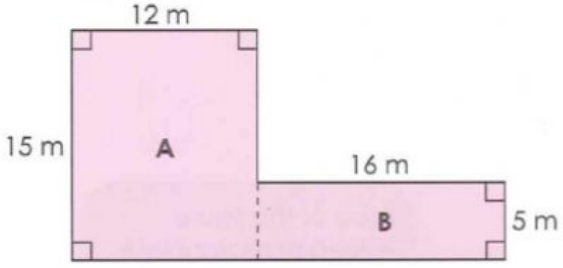
Picture It



The figure is made up of two rectangles.

Read and Understand.

Method 1



Area of figure = Area of Rectangle A + Area of Rectangle B

Area of Rectangle A = 12×15
$= 180 \text{ m}^2$

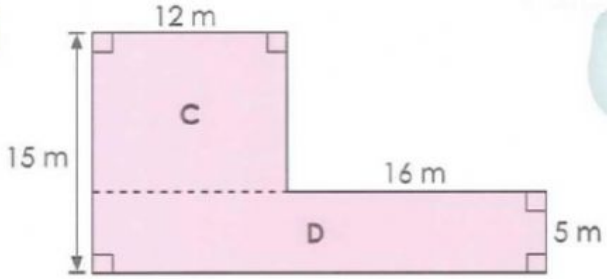
Area of Rectangle B = 16×5
$= 80 \text{ m}^2$

Area of figure = $180 + 80$
$= 260 \text{ m}^2$

Read and Understand.

Method 2

Picture it



Area of figure = Area of Rectangle C + Area of Rectangle D

Area of Rectangle C = 12 × ☐
= ☐ m^2

Area of Rectangle D = ☐ × 5
= ☐ m^2

Area of figure = ☐ + ☐
= ☐ m^2

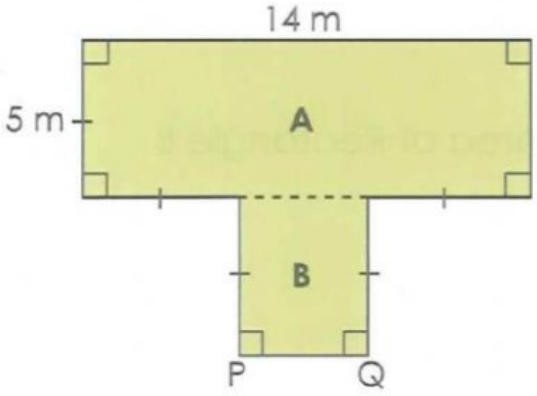
Compare Methods 1 and 2.
Which method is easier? ☐

Breadth of Rectangle C = 15 − ☐
= ☐ m

Length of Rectangle D = ☐ + ☐
= ☐ m

Do

The figure is made up of two rectangles.
Find its area.



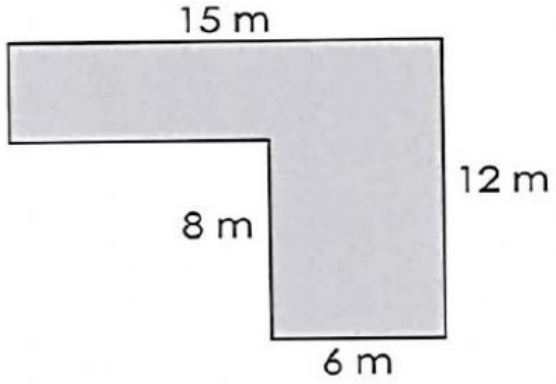
Area of the figure
= Area of rectangle A
+ Area of rectangle B

☐ cm^2

Work it out on paper and type only the answer in the blocks.

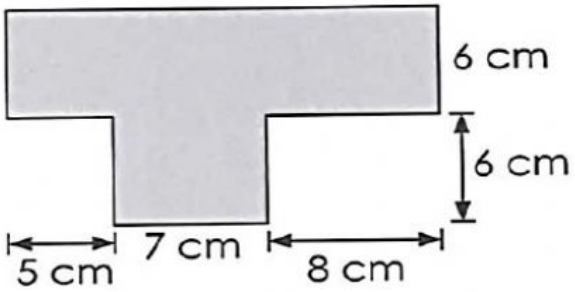
Find the area of each figure.
All sides meet at right angles.

a)



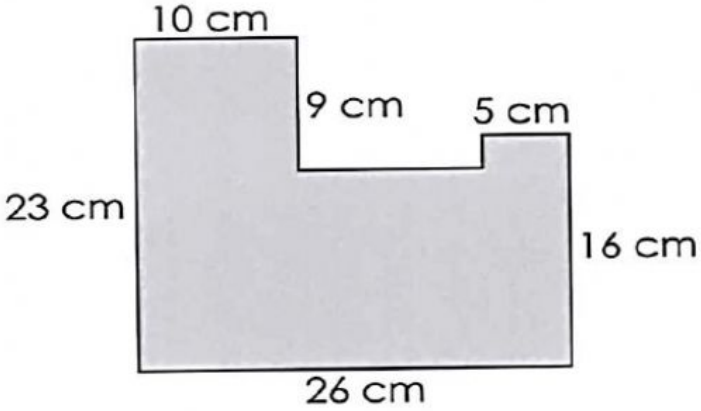
□ cm^2

b)



□ cm^2

c)



□ cm^2