

Area of compound shapes

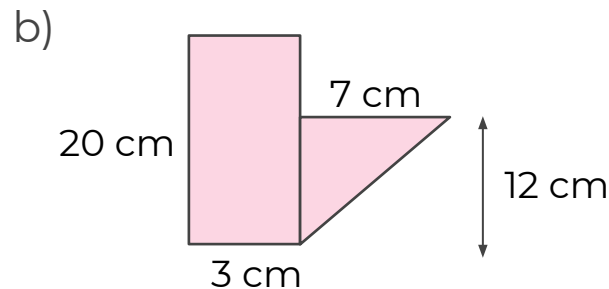
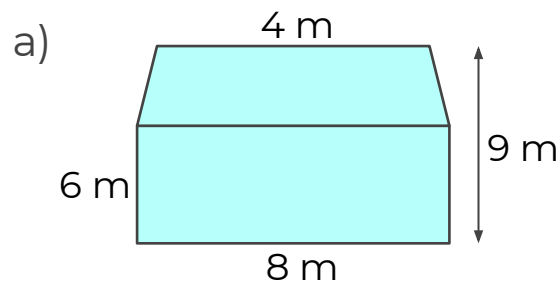
Maths

Mr Chan

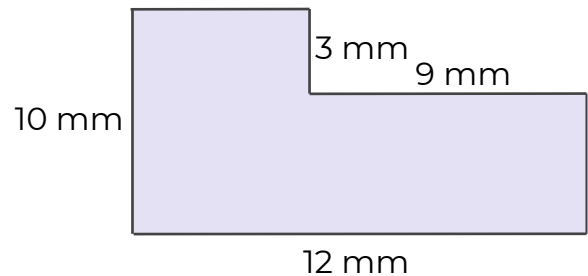


Area of compound shapes

1. Workout the area of the compound shapes.



2. Emily is working out the area of the compound shape.



Here is her working.

$$(12 \times 10) - (3 \times 9) = 93 \text{ mm}^2$$

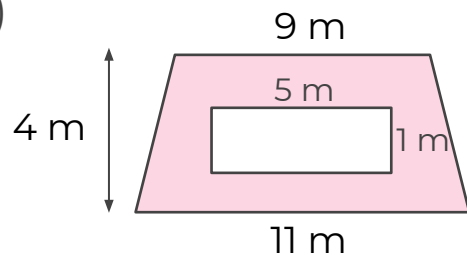
Explain her method.



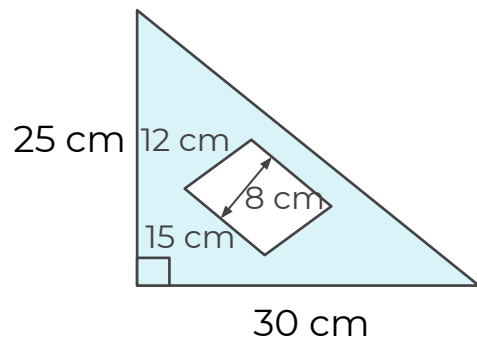
Area of compound shapes

3. Find the area of the shaded regions.

a)

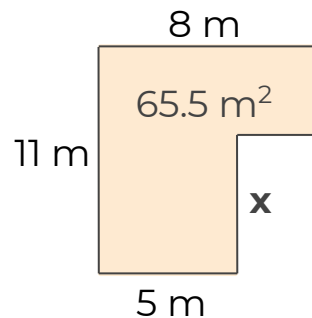


b)

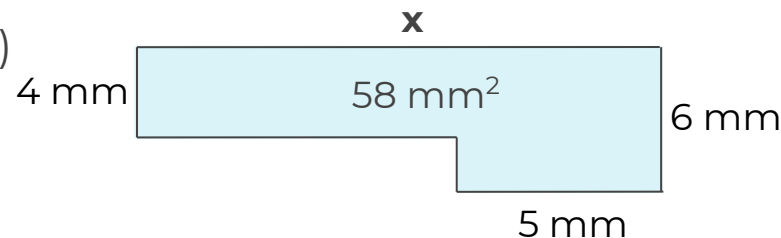


4. Find the missing lengths labelled **x**.

a)



b)

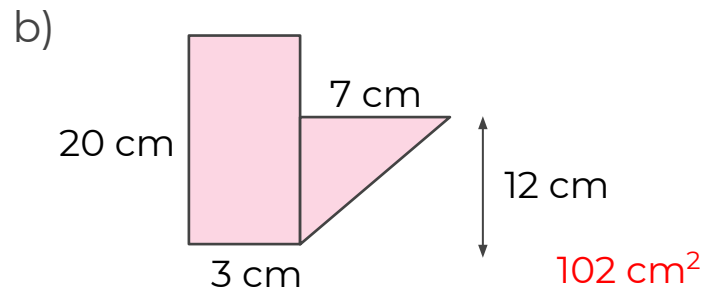
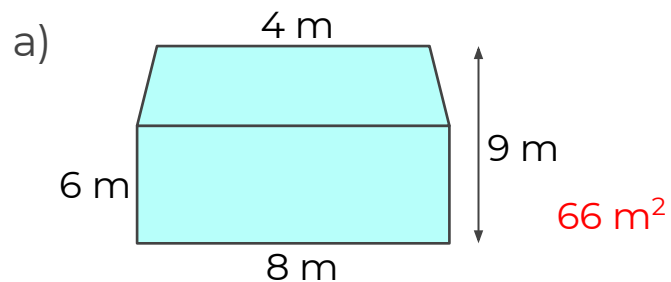


Answers

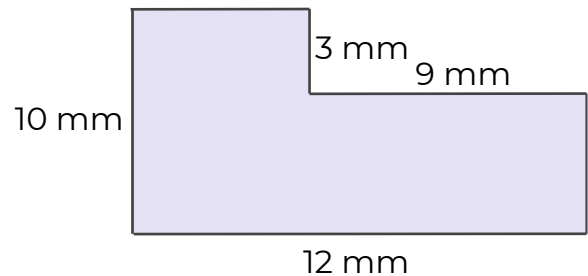


Area of compound shapes

1. Workout the area of the compound shapes.



2. Emily is working out the area of the compound shape.



Here is her working.

$$(12 \times 10) - (3 \times 9) = 93 \text{ mm}^2$$

Explain her method.

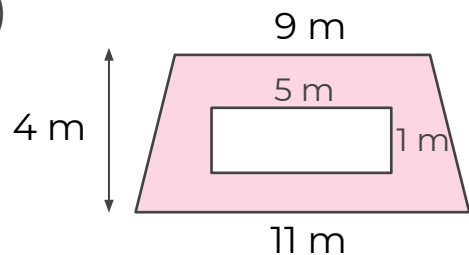
She found the area of the large rectangle & subtracted the smaller one.



Area of compound shapes

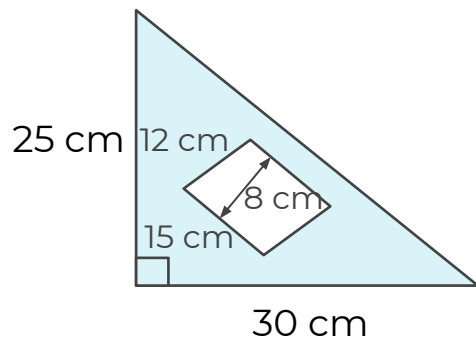
3. Find the area of the shaded regions.

a)



35 m^2

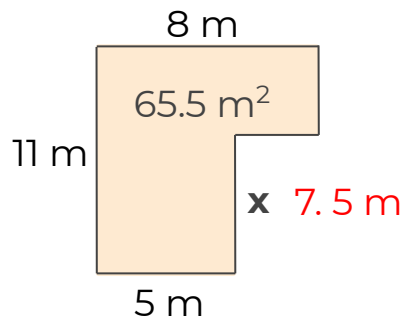
b)



255 cm^2

4. Find the missing lengths labelled **x**.

a)



b)

