

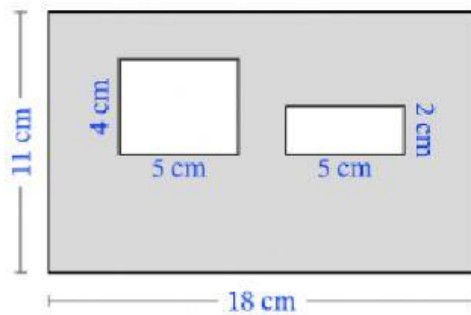
Monday 10th May, 2021

1G

Coursework #1

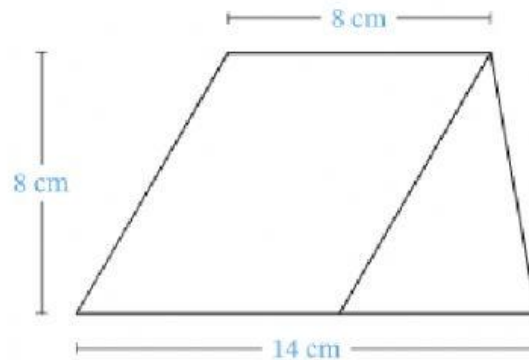
Answer ALL questions.

1. Calculate the area of the shaded region in the shape below.



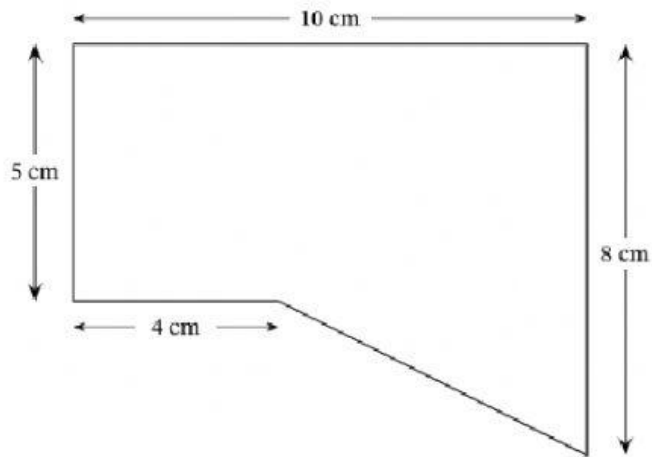
Answer = cm^2

2. Find the area of the given figure below.



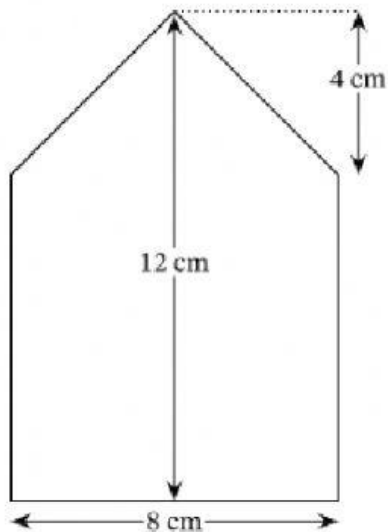
Answer = cm^2

3. Find the area of the given figure.



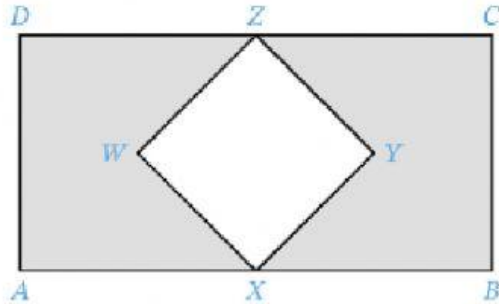
Answer = cm^2

4. Find the area of the given figure.



Answer = cm^2

5. Given that $ABCD$ is a rectangle, $WXYZ$ is a square, $AB=6\text{cm}$ and $BC=3\text{cm}$ calculate the area of the shaded part. (Hint: the diagonals of a square are equal in length)



Answer = cm^2

6. Express in cm^2

a) $9.3 \text{ m}^2 = \quad \text{cm}^2$

7. Express in mm^2

a) $29 \text{ cm}^2 = \quad \text{mm}^2$

8. Express in km^2

a) $9\,500\,000 \text{ m}^2 = \quad \text{km}^2$

9. Express in m^2

a) $3800 \text{ cm}^2 = \quad \text{m}^2$

10. Express in cm^2

a) $625 \text{ mm}^2 = \quad \text{cm}^2$