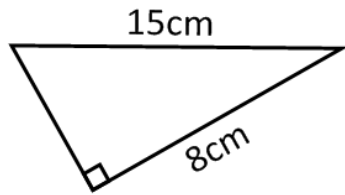


**\*Pythagoras.**

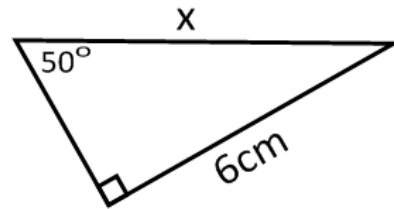
Calculate the length of the perimeter of this triangle to 3sf.



{Find the area of this triangle.}

**\*Trig – Finding sides.**

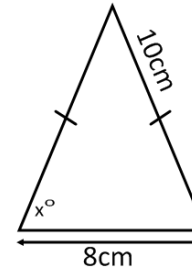
Evaluate the value of 'x' to 1dp.



{Find the area of this triangle.}

**\*Trig – Finding Angles.**

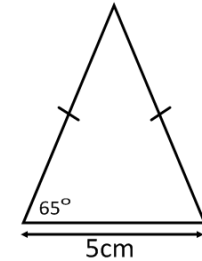
Determine the size of angle 'x' to 1dp.



{Find the area of this triangle.}

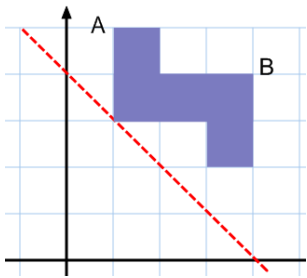
**\*Pythag and Trig mix.**

Determine the length of the perimeter of this triangle to 1dp.

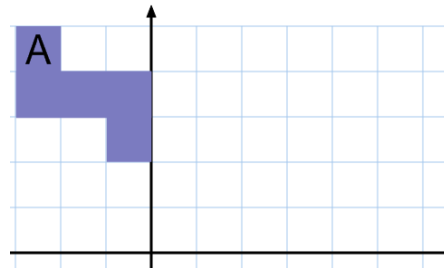


{Find the area of this triangle.}

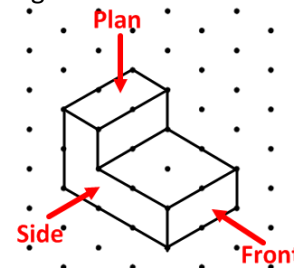
**Reflections.** After reflecting this shape in the diagonal line, what are the new coordinates of 'A' and 'B'?

**Translations.**

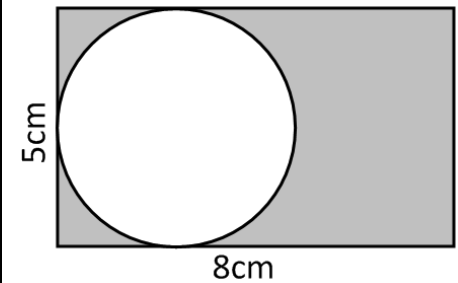
Translate 'A' by vector  $\begin{pmatrix} 5 \\ -3 \end{pmatrix}$ .

**Plans and Elevations.**

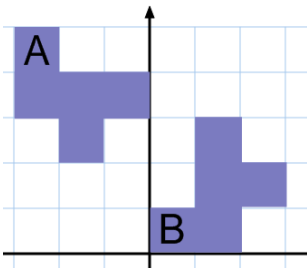
Draw each of the elevations indicated on the diagram below.

**\*Circles.**

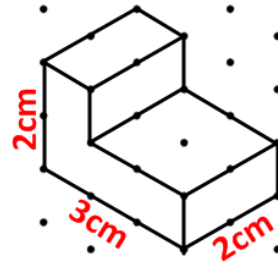
Calculate the shaded area to 3sf. {In terms of  $\pi$ }.

**Rotations.**

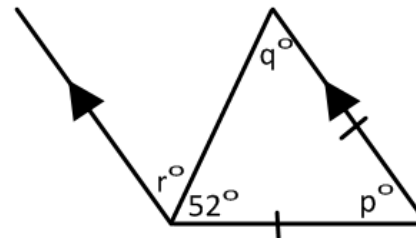
Describe the rotation that maps 'A' to 'B' in two ways.

**\*Surface Area and volume.**

Determine the surface area and volume of the prism below.

**Angles in  $\parallel$  lines.**

Find the values of 'p', 'q' and 'r'.

**Enlargements.**

Enlarge the triangle by scale factor 1/2 about the point.

