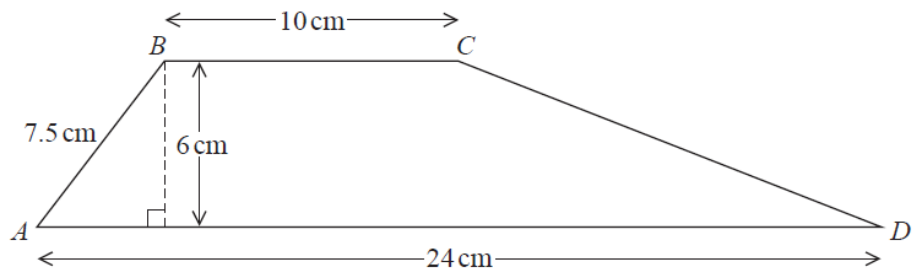


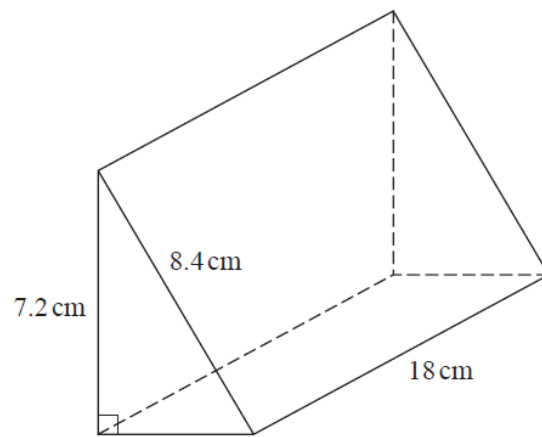
- 1  $ABCD$  is a trapezium.



Work out the size of angle  $CDA$ .  
Give your answer correct to 1 decimal place.

.....  
(Total for Question is 5 marks)

2 Here is a triangular prism.

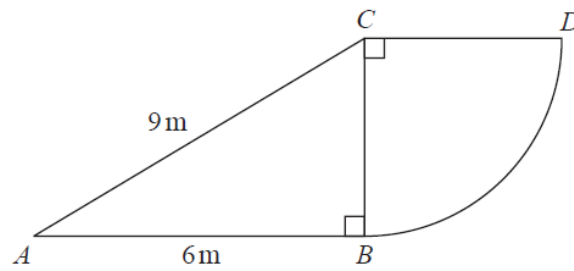


Work out the volume of the prism.  
Give your answer correct to 3 significant figures.

..... cm<sup>3</sup>

(Total for Question is 5 marks)

- 3 The diagram shows a right-angled triangle and a quarter circle.



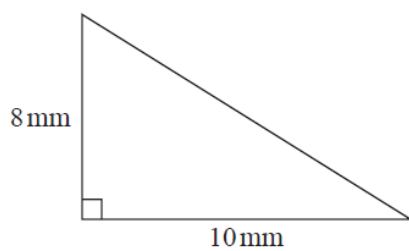
The right-angled triangle  $ABC$  has angle  $ABC = 90^\circ$   
The quarter circle has centre  $C$  and radius  $CB$ .

Work out the area of the quarter circle.  
Give your answer correct to 3 significant figures.  
You must show all your working.

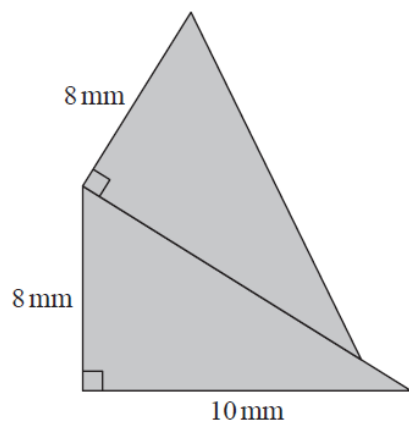
.....  $\text{m}^2$

(Total for Question is 4 marks)

- 4 Here is a right-angled triangle.



The shaded shape below is made from two of these triangles.



Work out the perimeter of the shaded shape.  
Give your answer correct to 3 significant figures.

..... mm

(Total for Question is 4 marks)