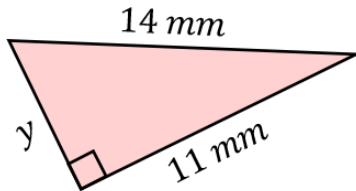


## Geometry Revision

4

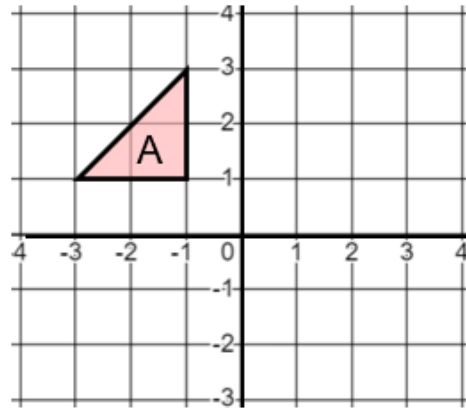
**(a)**

Find the length of  $y$ , giving your answer to 1 decimal place.



**(b)**

On the grid, rotate triangle A  $90^\circ$  clockwise about the point  $(-1, -1)$

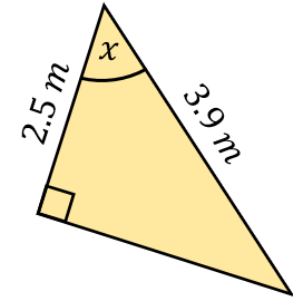


**(c)**

A train travels at a speed of  $216 \text{ km/h}$ . The train travels from London to Paris in 2 hours 18 minutes. Find the distance travelled.

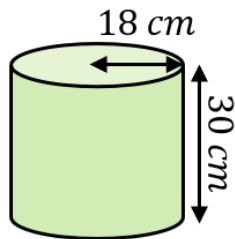
**(d)**

Find the value of angle  $x$ , giving your answer to 1 decimal place.



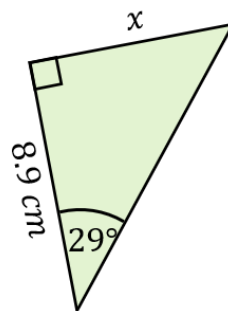
**(e)**

The cylinder shown is completely filled with water. Find the volume of water in the cylinder, giving your answer in litres to 3 significant figures.



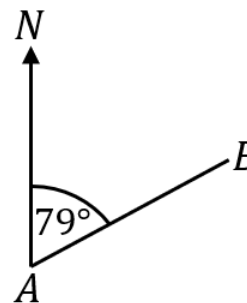
**(f)**

Find the value of  $x$ , giving your answer to 1 decimal place.



**(g)**

The bearing of B from A is  $079^\circ$ . Calculate the bearing of A from B.



**(h)**

Find the area and perimeter of the sector shown. Give your answers to 3 significant figures.

