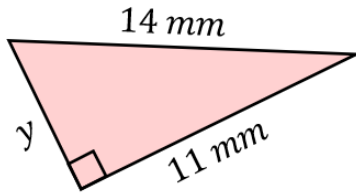


Geometry Revision

4

(a)

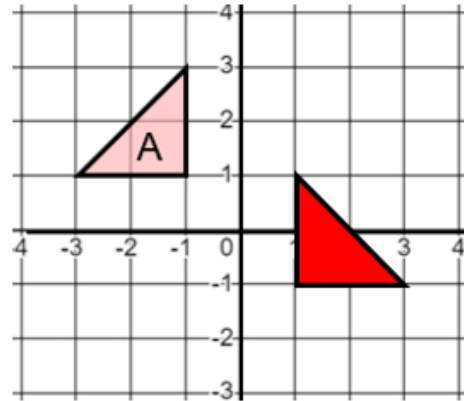
Find the length of y , giving your answer to 1 decimal place.



8.7 mm

(b)

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



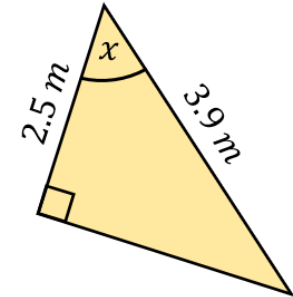
(c)

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

496.8 km

(d)

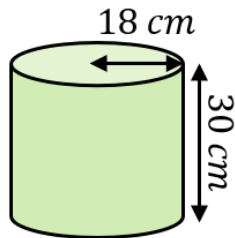
Find the value of angle x , giving your answer to 1 decimal place.



50.1°

(e)

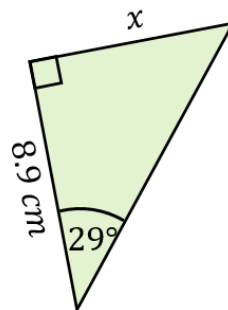
The cylinder shown is completely filled with water. Find the volume of water in the cylinder, giving your answer in litres to 3 significant figures.



30.5 litres

(f)

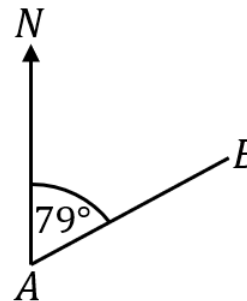
Find the value of x , giving your answer to 1 decimal place.



4.9 cm

(g)

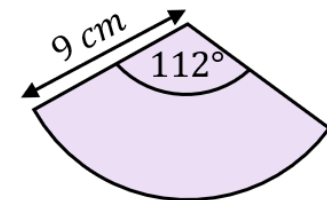
The bearing of B from A is 079° . Calculate the bearing of A from B.



259°

(h)

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



$A = 79.2 \text{ cm}^2$
 $P = 35.6 \text{ cm}$