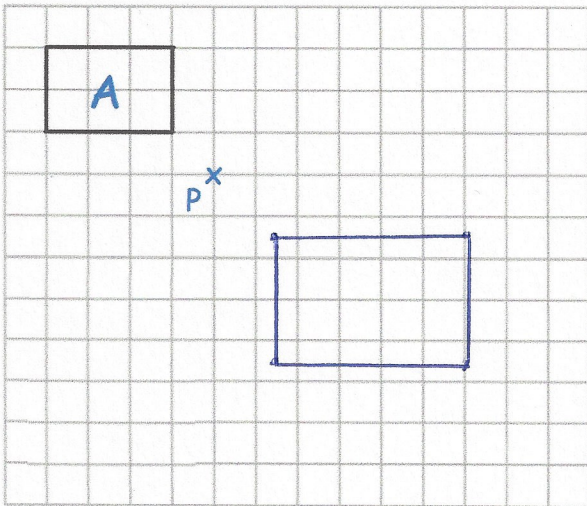


5th September



Corbettmaths

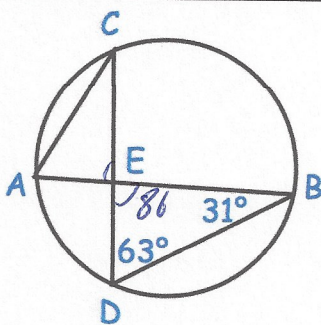


Enlarge shape A by scale factor -1.5 , using the point P as centre of enlargement.

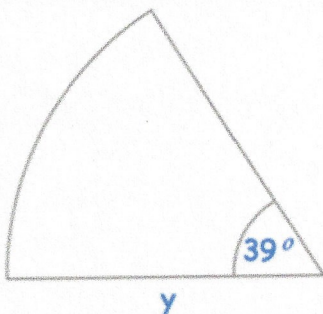
Helen is taking part in a quiz on TV.
The probability she answers a question correctly is $\frac{3}{5}$
Helen is asked two questions

$$\frac{2}{5} \times \frac{2}{5} = \frac{4}{25}$$

Calculate the probability she answers both questions incorrectly.



Find angles
ACD 31°
AEC 86°



The area of the sector is 10cm^2 .
Find y.

$$\frac{39}{360} \times \pi \times y^2 = 10$$

$$\pi y^2 = 92.3\dots$$

$$y^2 = 29.38\dots$$

$$y = \underline{\underline{5.42}}$$