

23rd August

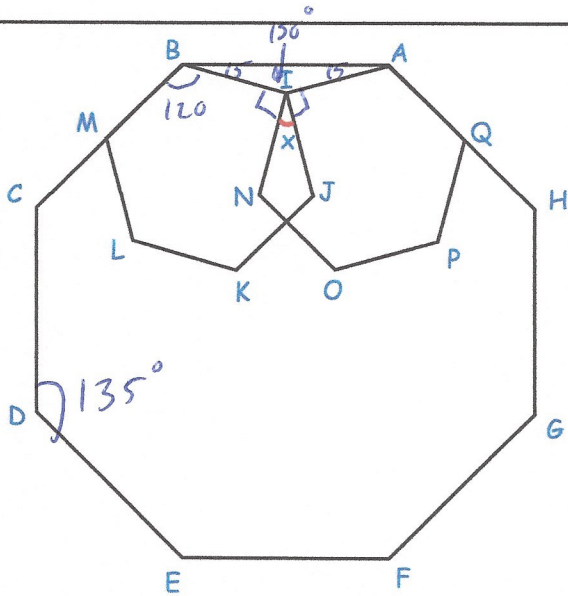


Corbettmaths

Martin says 'There is a 30% chance of rain today.'

Tim says 'That means there is a 70% chance of it being sunny today.' Explain why Tim is not correct.

There are other possible outcomes than sunny.  
Such as overcast (cloudy)

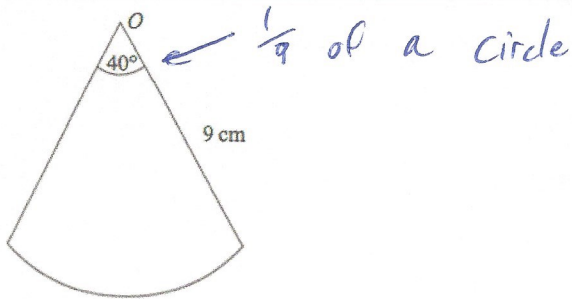


ABCDEFGH is a regular octagon  
AQPONI and BIJKLM are congruent regular hexagons.

Find the size of the angle labelled x.

$$150 + 90 + 90 = 330$$

$$360 - 330 = 30^\circ$$



Calculate the area of this sector.

$$\frac{1}{9} (\pi \times 9^2)$$

$$= 28.274... \text{ cm}^2$$

$$\frac{1}{5} \div 2 \frac{3}{4}$$

$$\frac{1}{5} \div \frac{11}{4}$$

$$\frac{1}{5} \times \frac{4}{11} = \frac{4}{55}$$