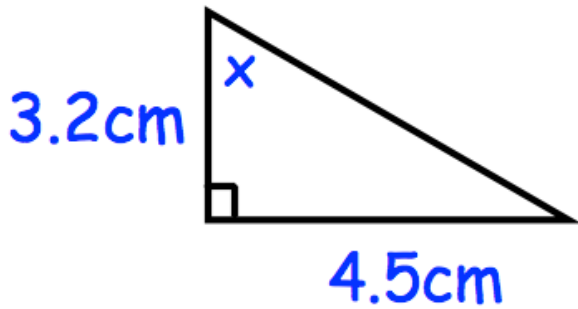


27th May



Corbettmaths

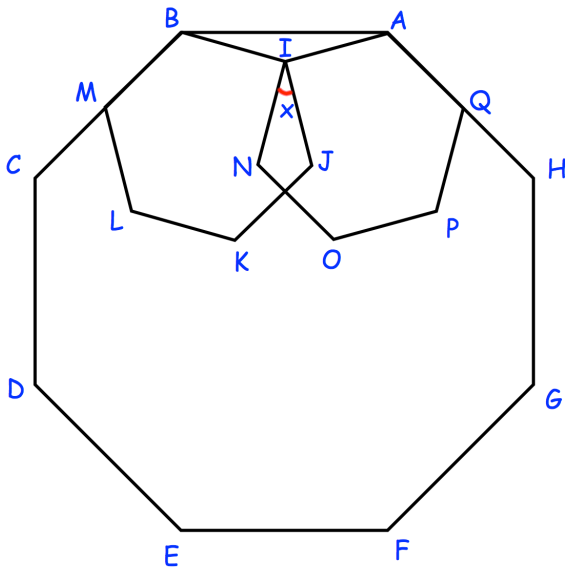
Find the lowest common multiple (LCM) of 28 and 63.



Find x.

Height ( $h$ metres)	Frequency
$1.50 \leq h < 1.55$	8
$1.55 \leq h < 1.60$	20
$1.60 \leq h < 1.65$	24
$1.65 \leq h < 1.75$	17
$1.75 \leq h < 1.85$	1

Calculate an estimate of the mean.



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

Find the size of the angle labelled x.