

In/Exterior anales

3

(DE)

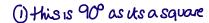
Diagram not

drawn to scale

How to ...

The diagram shows a square and 4 regular pentagons.

Work out the size of the angle marked x





total interior angles in a

alladd aph 360°

thus is an extend angle

A note about interor + extenor angles

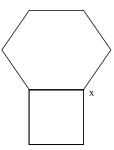
Extenor angles

to work out the interor angle, in this care 180 -60 = 120° INTERIOR & EXTERIOR

ANGLES ARE NOTTHE SAM

Now have a go yourself

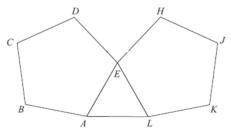
Q1. The diagram shows a regular hexagon and a square. Work out the size of the angle marked x.



Q2. Each exterior angle of a regular polygon is 30°. Work out the number of sides of the polygon.

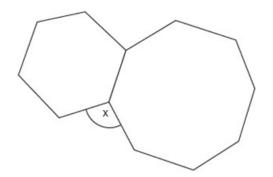
Q3. Calculate the size of the interior angle of a regular ten sided polygon.

Q4. ABCDE and EHJKL are regular pentagons. AEL is an equilateral triangle. Work out the size of angle DEH.



Exam Questions

The diagram shows a regular hexagon and a regular octagon. Work out the size of the angle marked x. You must show all your working out



Ready to be marked?

Checklist	
	Answers checked
	Reasons/Working shown
	Keywords
korget tog	Things to remember
11,	What went well
۷	
Teacher comment	