## TYPES OF ANGLE AND ANGLES IN POLYGONS Geometry and Measures

## Key Concepts

Regular polygons have equal lengths of sides and equal angles．

Angles in polygons
Sum of interior angles
$=($ number of sides -2$) \times 180$
Exterior angles of regular
polygons $=\frac{360}{\text { number of sides }}$

## Types of angle

There are four types which need to be identified－acute， obtuse，reflex and right angled．


13， 123


Obtuse is between $90^{\circ}$ and $180^{\circ}$

Right angled is $90^{\circ}$

## Examples Regular Pentagon



$$
\text { Interior angle }=\frac{540}{5}=108^{\circ}
$$

## Questions

Key Words Polygon Interior angle Exterior angle Acute Obtuse Right angle Reflex

