## Year 7 Knowledge Organiser ANGLE PROPERTIES



## Key Words

Angle: This is formed by two lines joined by a common endpoint. Quadrilateral: 4 sided shape.
Polygon: Many sided shape.
Regular polygon: All sides and angles are equal.
Interior angle: The angle inside a polygon. Exterior angle: The angle formed when a side length of a polygon is continued.


$$
169^{\circ}+31^{\circ}+90^{\circ}=290^{\circ}
$$

$$
=440^{\circ}
$$

$$
360^{\circ}-290^{\circ}=70^{\circ}
$$

$$
540^{\circ}-440^{\circ}=100^{\circ}
$$

## 实 hegartymaths

$$
\begin{gathered}
477-487,560-564 \\
812-814
\end{gathered}
$$

Tip
Remember isosceles triangles have two equal angles and equilateral triangles have three equal angles.

Questions

1) Find the missing angles:


## Year 7 Knowledge Organiser PARALLEL LINES AND ANGLES



