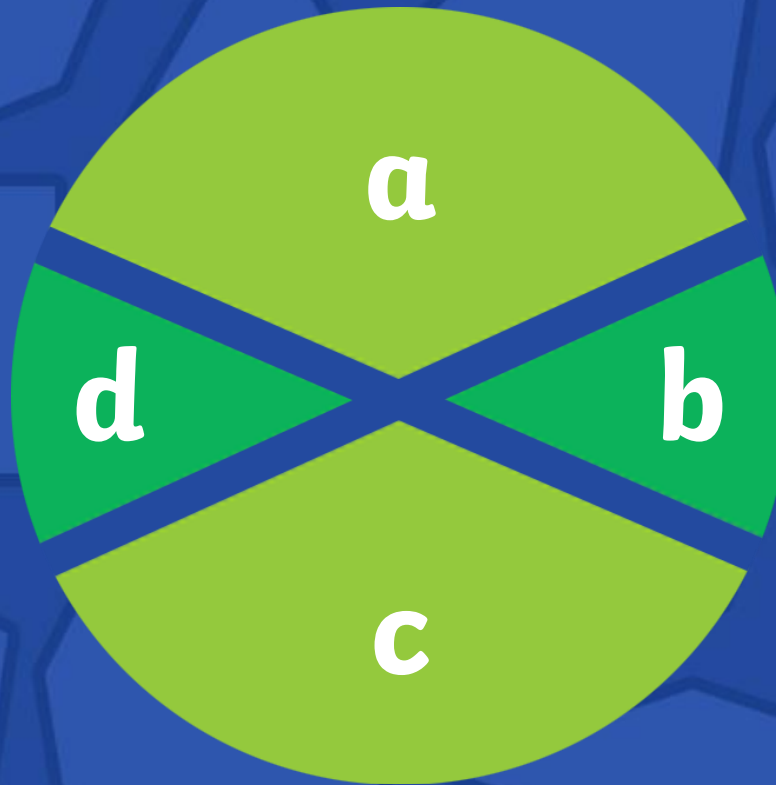


Vertically Opposite Angles



Aim

- To recognise angles which are vertically opposite and find missing angles.

Success Criteria

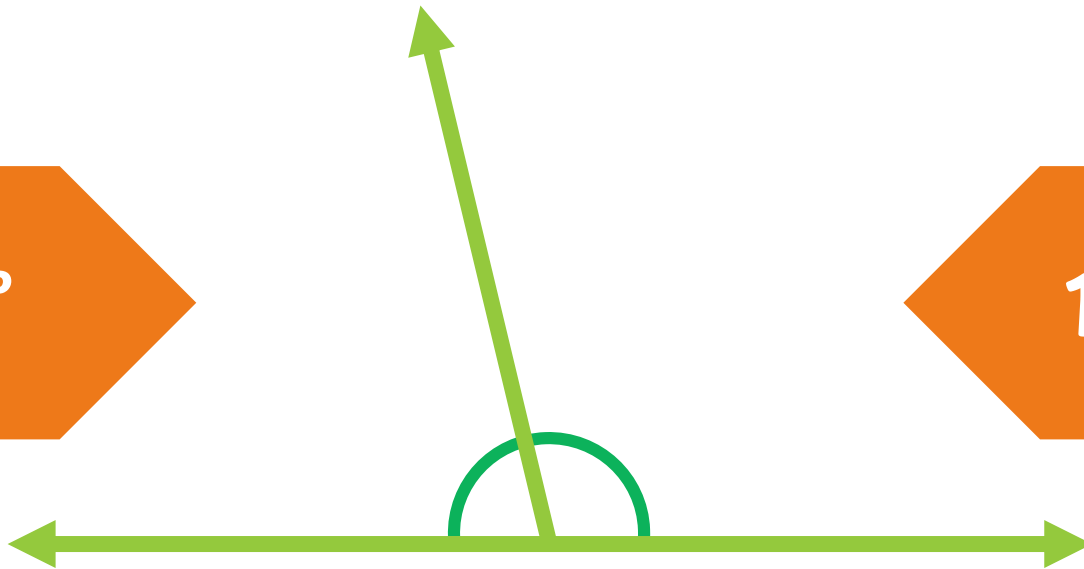
- I know that vertically opposite angles are equal.
- I can find vertically opposite missing angles.

Estimating Angles 2



80°

100°

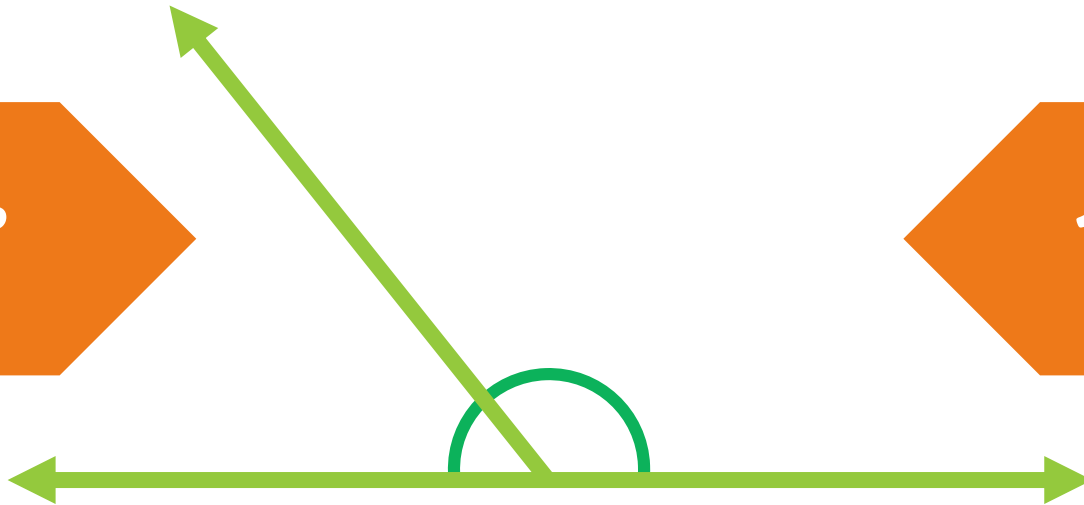


Estimating Angles 2



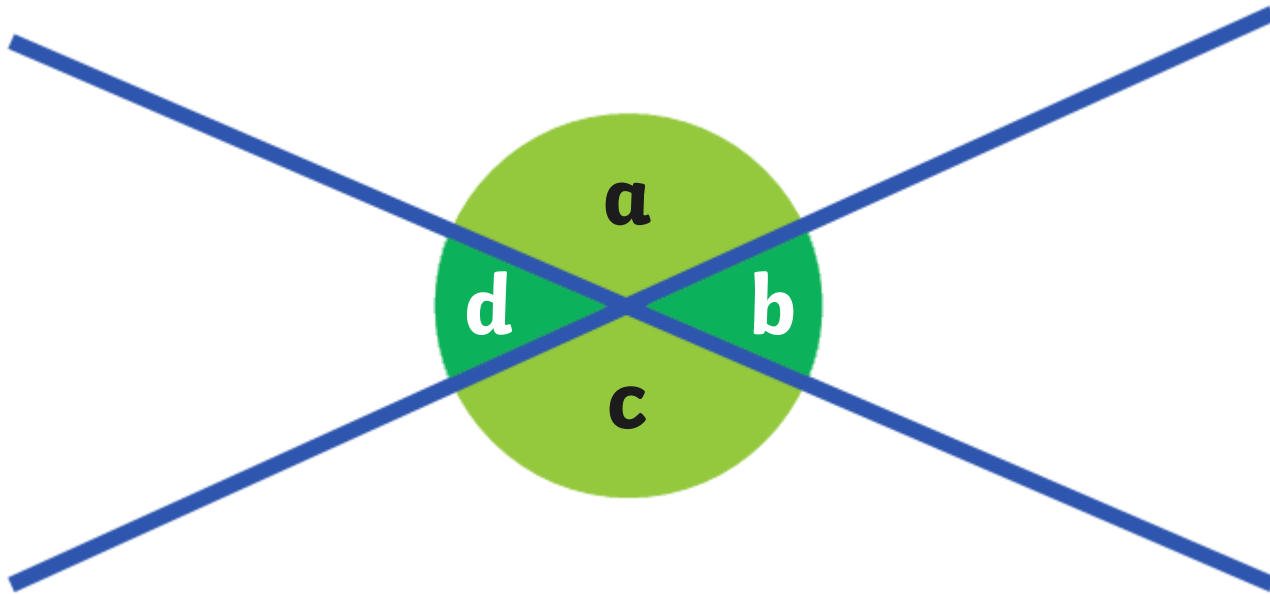
45°

135°



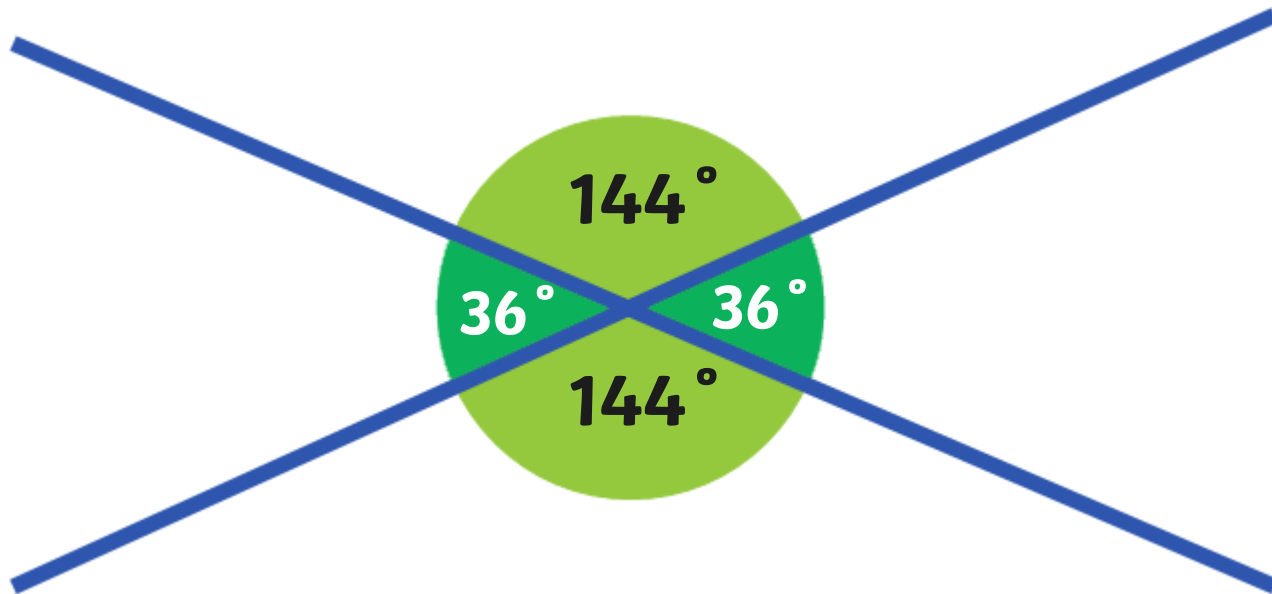
Vertically Opposite Angles

When two straight lines intersect (cross each other), four angles are created around a point which total 360° .



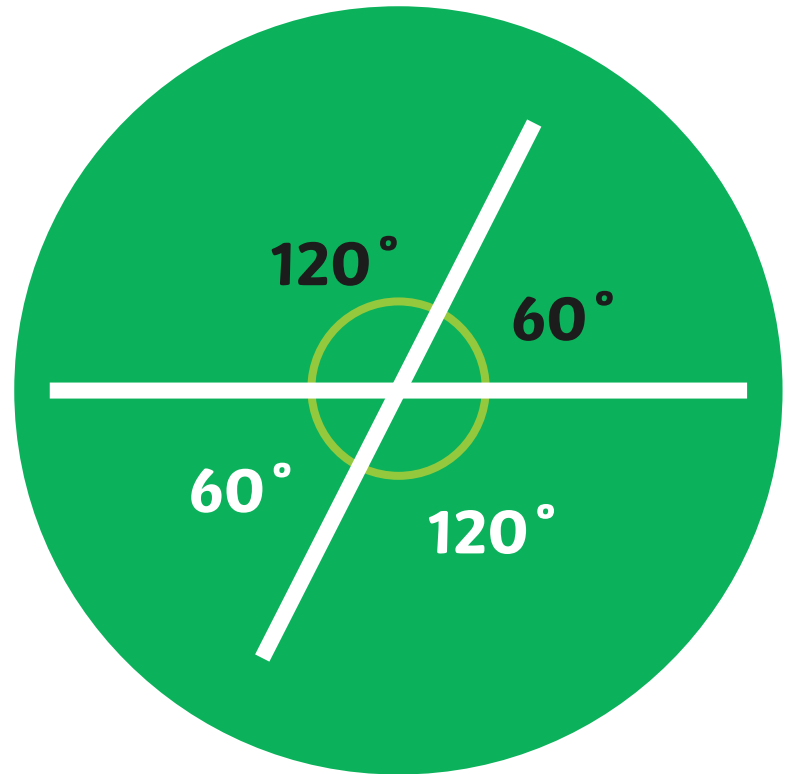
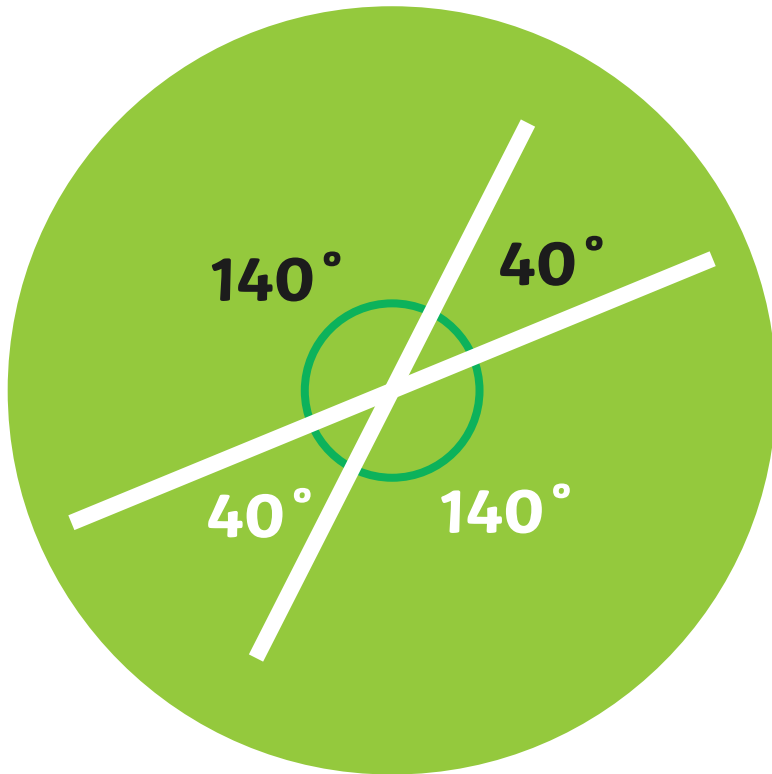
Vertically Opposite Angles

The pairs of angles that are opposite each other measure the same number of degrees and are equal (congruent).



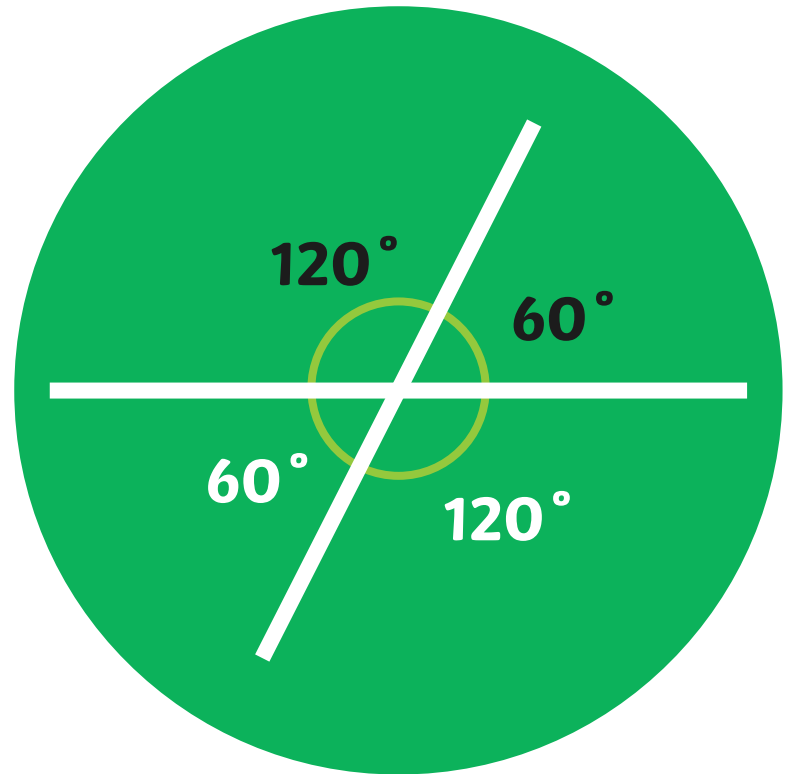
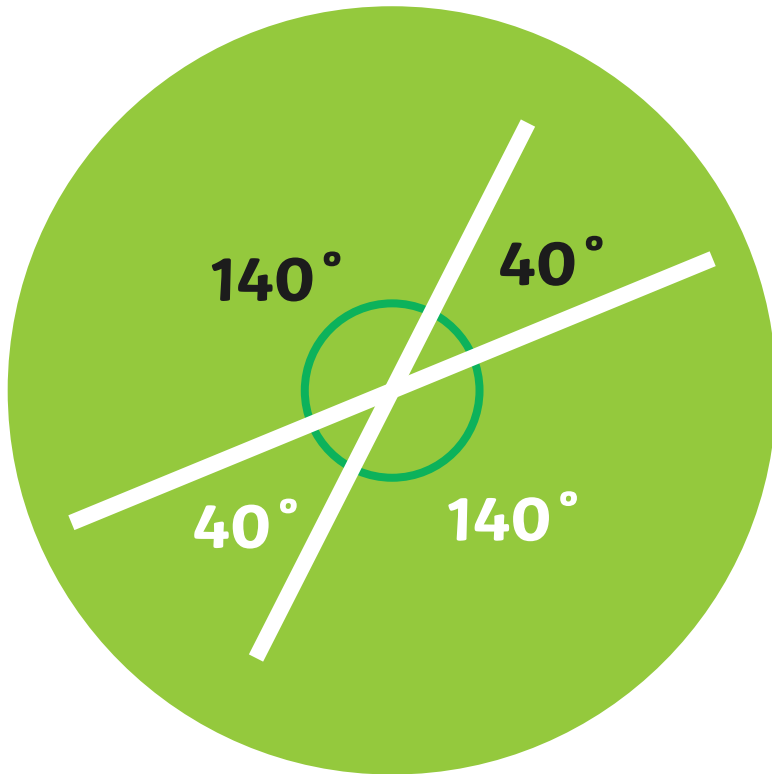
These pairs of angles are called **vertically opposite angles**.

Missing Angles



Have you noticed that adjacent angles are on a straight line and total 180° ?

Missing Angles



Have you noticed that adjacent angles are on a straight line and total 180° ?

Missing Angles

Calculate the missing angles using known angle facts:

