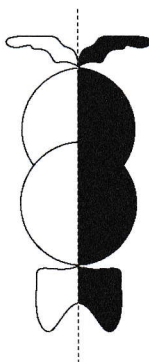


Symmetry

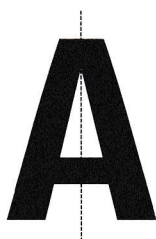
Symmetry is like looking at a **mirror image** of a shape, or part of a shape.

We can make shapes symmetrical by sketching in the reflection of the shape using a mirror line.



Here, you can see that the shaded area is a reflection of the original shape.

We can also look for lines of symmetry in complete shapes – this is when we can see a line along which it would be possible to fold the shape into two exact halves, both being the same shape.



This letter A has one line of symmetry – shown by the dotted line. If we folded along the dotted line, the two pieces would fit exactly on top of each other.

Regular polygons – squares, triangles and circles – also have lines of symmetry. Sometimes there is more than one line of symmetry.

