



You will need a mirror for this activity.

Here is a square:



Where can you put the mirror across the square so that you can still 'see' the whole square?

How many different positions are possible?

How many lines of symmetry does a square have?

Can you reflect part of the square so that you can see a smaller square?

A rectangle? A kite? A hexagon? An octagon?

What do all the shapes have in common?