

Name: _____

Symmetry Detectives

Draw any vertical or horizontal lines of symmetry you can spot with a ruler:



Some of these shapes below aren't symmetrical. Add any lines of symmetry you see:



Complete the other half of the shapes below so they are symmetrical:



Look at these letters below and see if you can draw any lines of symmetry:



Find out how many lines of symmetry and sides you can find in the regular shapes below:



Shape name: _____

Number of sides: ____

Lines of symmetry: ____

What pattern can you spot? _____



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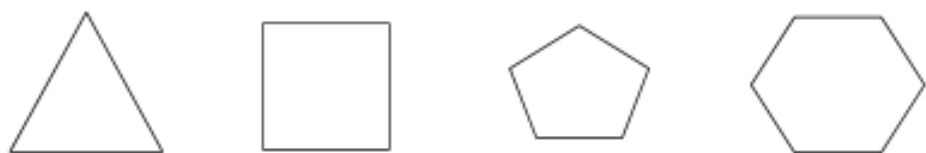
Complete the other half of the shapes below so they are symmetrical:



Look at these letters below and see if you can draw any lines of symmetry:



Find out how many lines of symmetry and sides you can find in the regular shapes below:



Shape name: _____

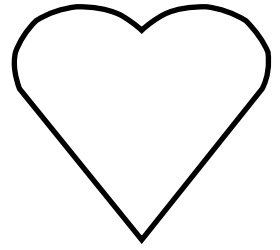
Number of sides: _____

Lines of symmetry: _____

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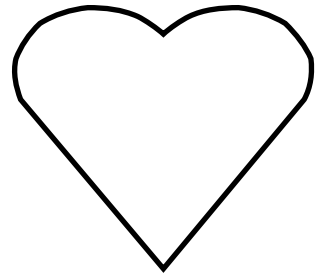
Challenge

Tom says “You can’t split a heart in half” Is he right or wrong? Explain how you know.



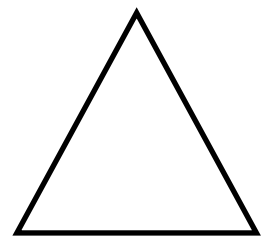
Challenge

Ben says “You can split a heart into quarters” Is he right or wrong? Explain how you know.



Challenge

Emma says “You can’t half a triangle” but Anna says “You can half a triangle” Who is right? How do you know?



Challenge

Bertie says “A square and an rectangle have the same lines of symmetry” Is he right or wrong. Prove it.

