

Symmetrical

A shape is symmetrical if one side is the same as the other.

A shape is symmetrical if you can fold it and it one half covers the other half exactly.



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Non-symmetrical

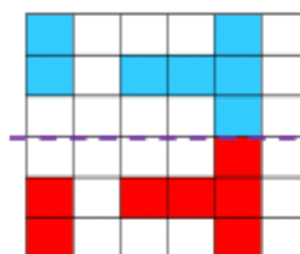
Non-symmetrical shapes will not be equal if you fold it in half.



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Symmetric Figure

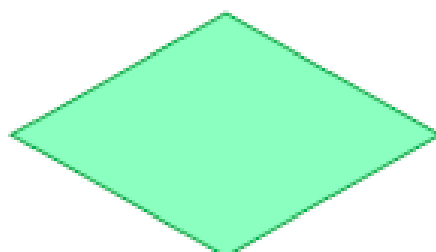
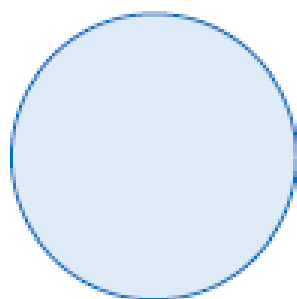
A figure can mean the shape/outline of something.
If it is symmetric, you would be able to fold it in half and the two halves would match exactly.



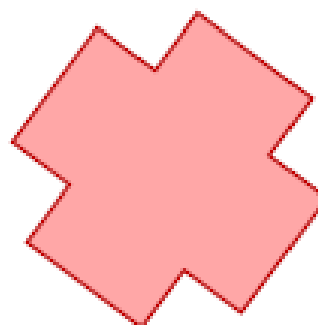
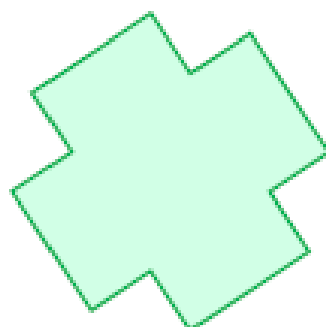
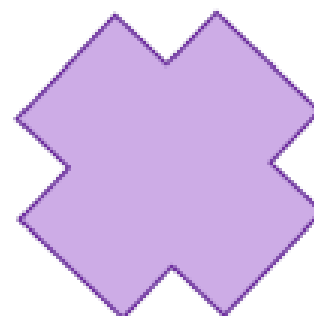
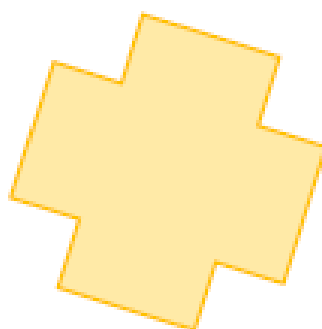
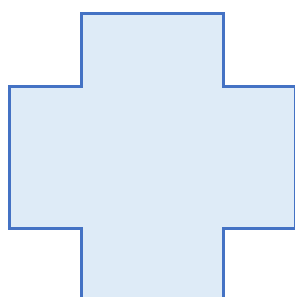
This is called a line of symmetry.

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Using folding, find the lines of symmetry in these shapes.



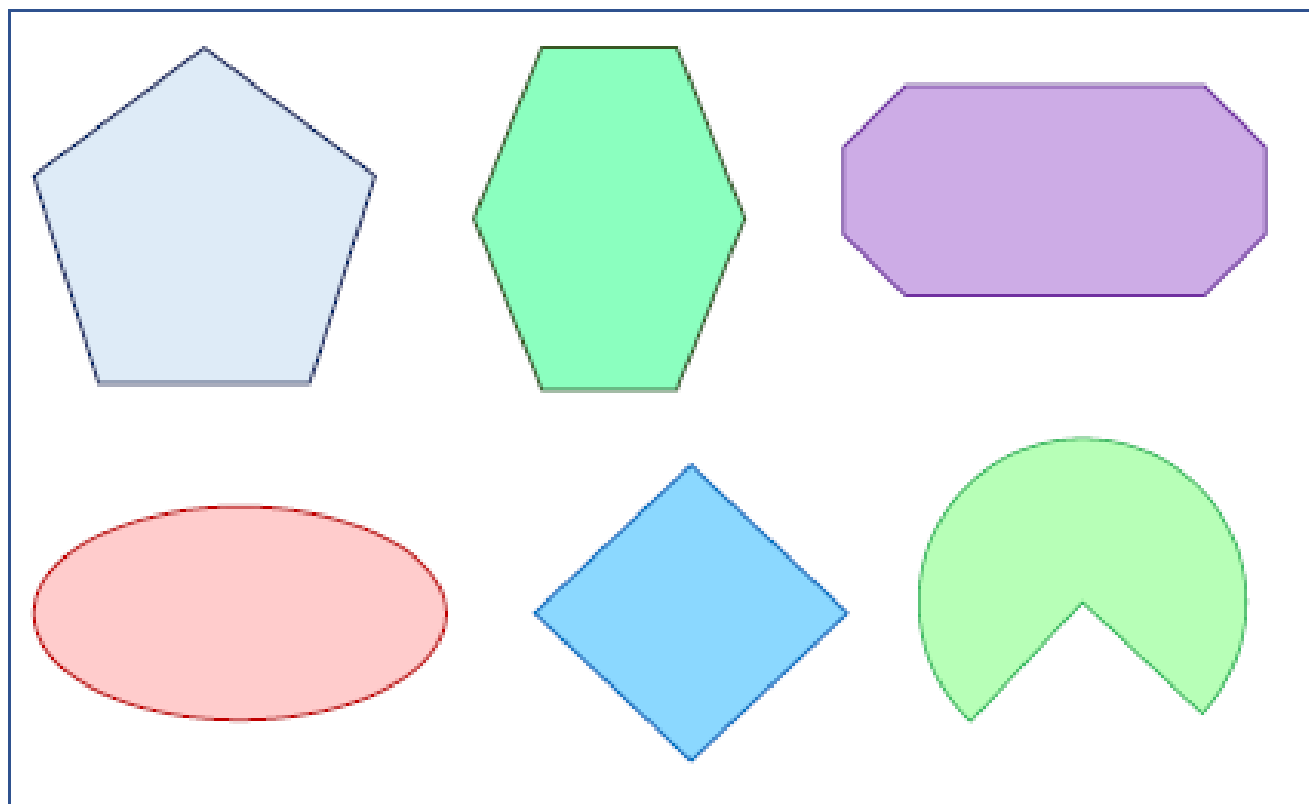
Draw the lines of symmetry in these shapes (you could use folding to help you).



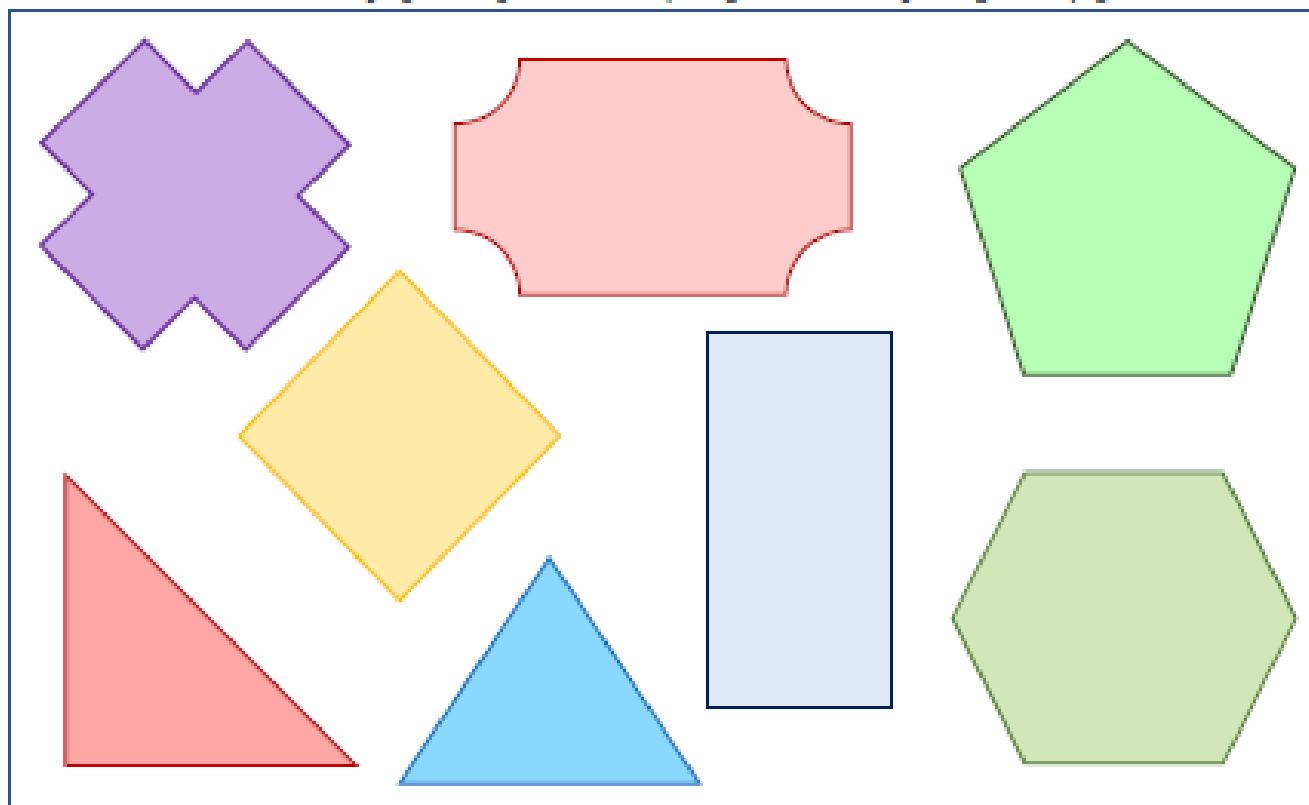
What do you notice?



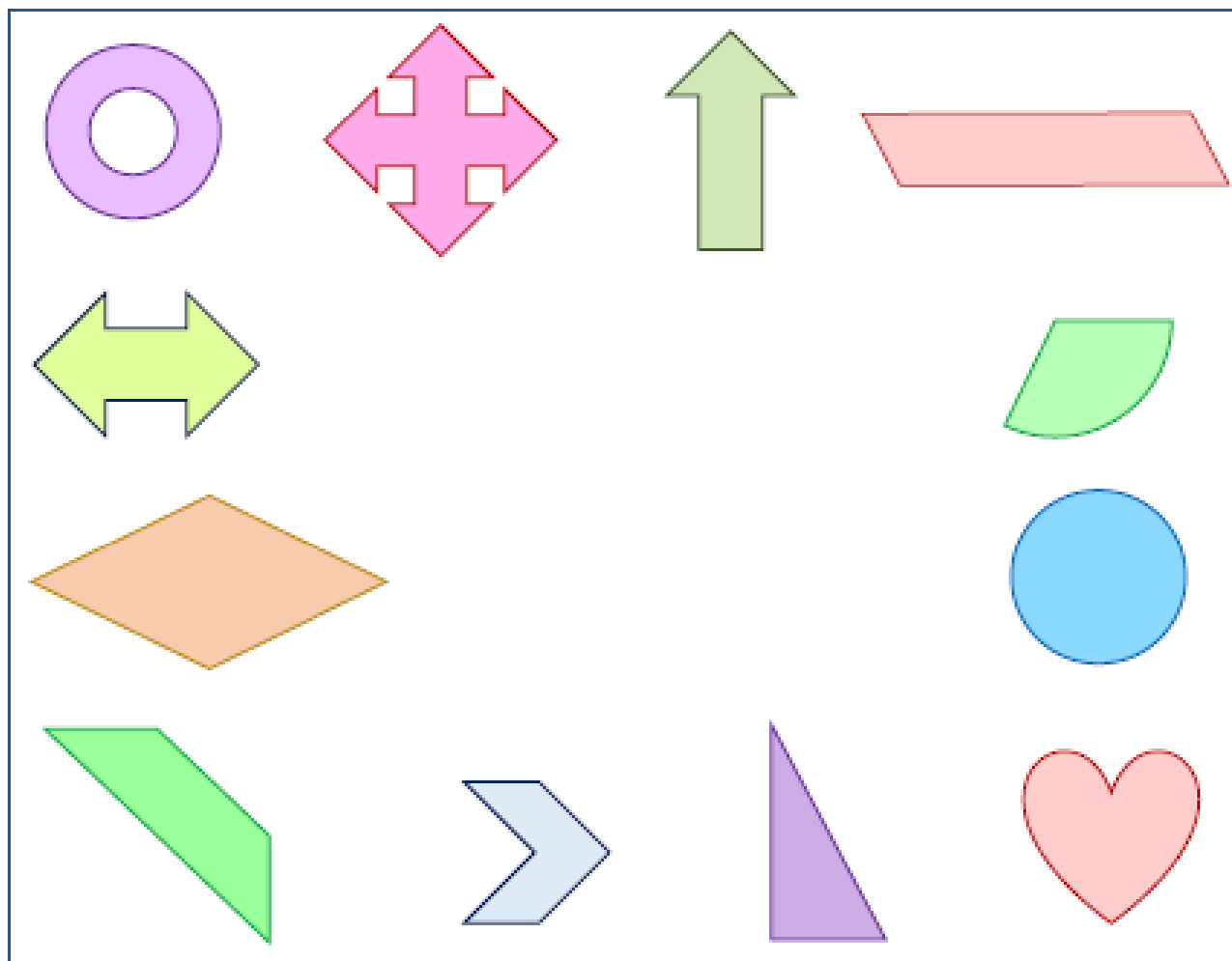
Using folding, find the lines of symmetry in these shapes.



Draw all lines of symmetry in these shapes (you could use folding to help you).



Connect shapes by the number of lines of symmetry. Which shape is the odd one out?



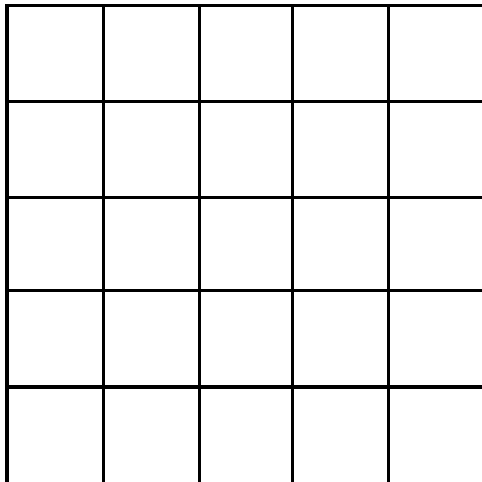
Draw shapes with given number of lines of symmetry.

1 line of symmetry

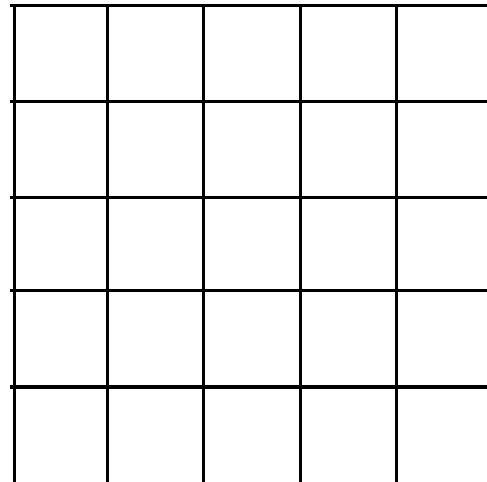
2 lines of symmetry

Infinitely many lines of symmetry

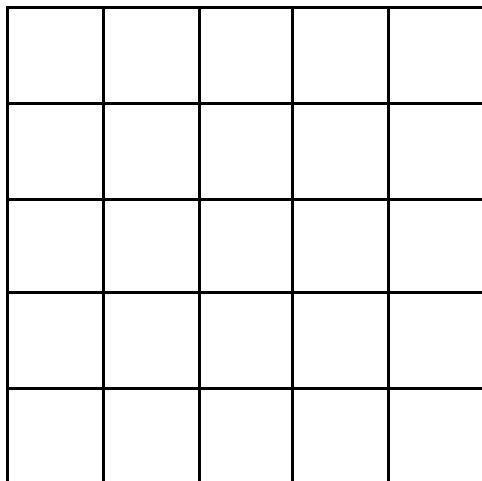
How many symmetrical shapes can you make by colouring in 4 squares?



How many shapes that have at least two lines of symmetry can you make by colouring in 5 squares?



How many symmetrical shapes can you make by colouring in 4 squares?



How many shapes that have at least two lines of symmetry can you make by colouring in 5 squares?

