

## LO Count the sides on 2D shapes

What is a side?

How can you check that you have counted all the sides?

Do all four-sided shapes look the same?

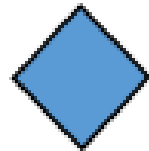
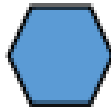
Why do you think the shapes have the names that they do?

Match the shapes to the number of sides.

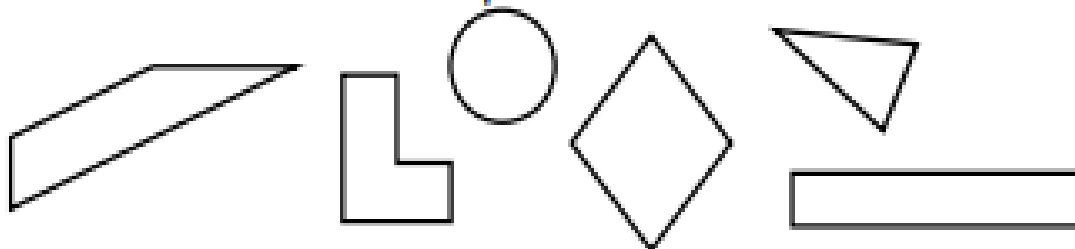
Six

Four






Three



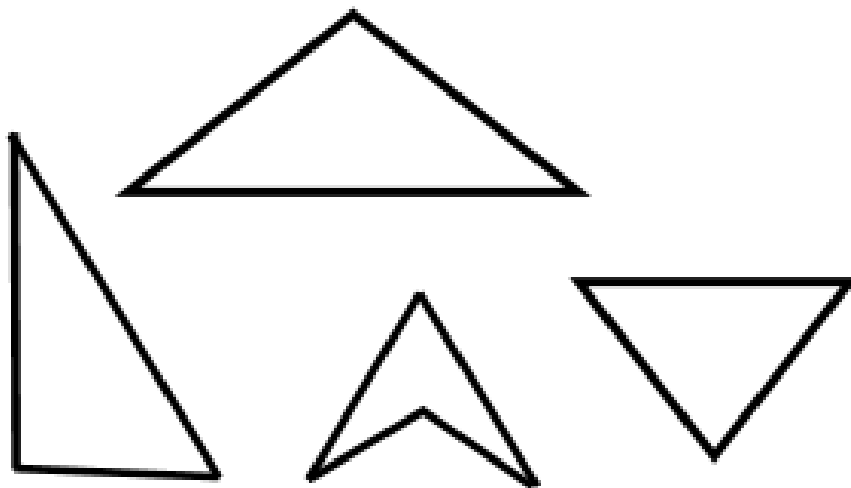
Colour the four-sided shapes.

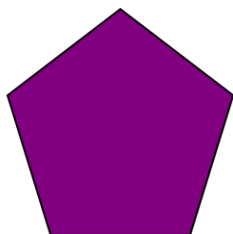


Complete the table.

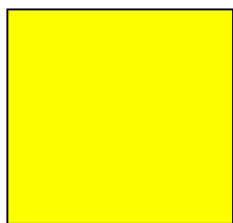
| Name     | Shape   | Number of sides |
|----------|---|-----------------|
| Pentagon |    |                 |
| Circle   |    |                 |
| Square   |    |                 |
| Triangle |  |                 |
| Hexagon  |  |                 |

Which is the odd one out? Explain your reasoning.

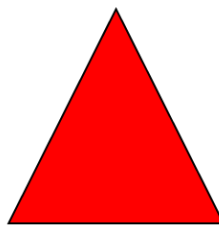




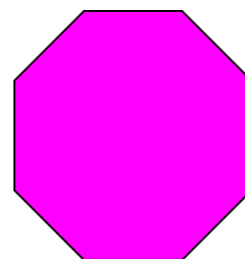
Pentagon



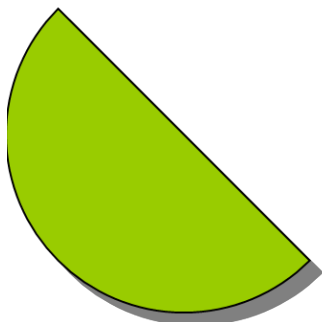
Square



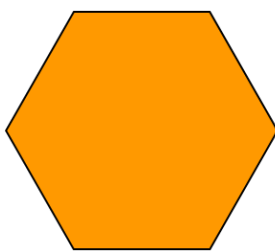
Triangle



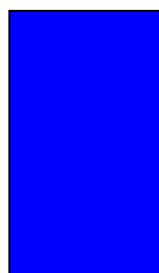
Octagon



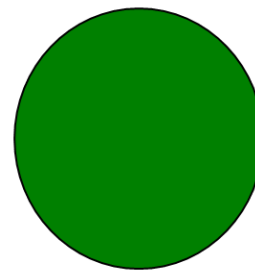
Semi-circle



Hexagon



Rectangle



Circle

*How many sides?  
Are they straight or curved?*

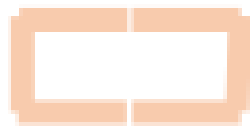
Here are 18 lollipop sticks.  
How many hexagons can you make?



How many octagons can you make?

What other shapes can you make with  
18 lollipop sticks?

Mo makes a rectangle using the sticks.



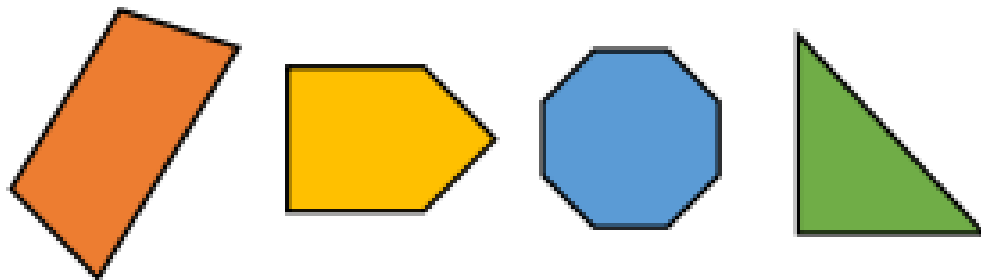
How many identical rectangles could he make with 18 sticks?

Make your own rectangle. How many sticks did you use? Is your rectangle the same as your friend's?

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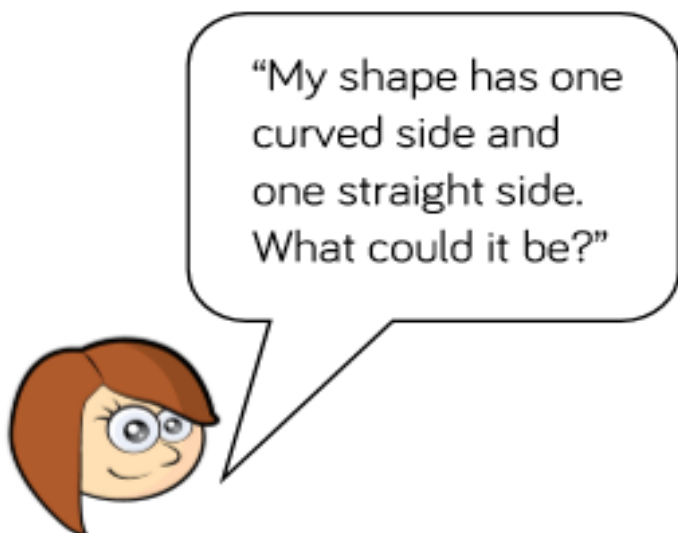
If I put these shapes into order from the smallest number of sides to the largest, which shape would come third?



Where would a hexagon come in the list?  
Why?

*Reasoning and Problem Solving*

Beth says:



“My shape has one curved side and one straight side. What could it be?”

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## Attachments

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T-N-926-What-Am-I-2D-Shape-Properties-Powerpoint\_ver\_3.ppt