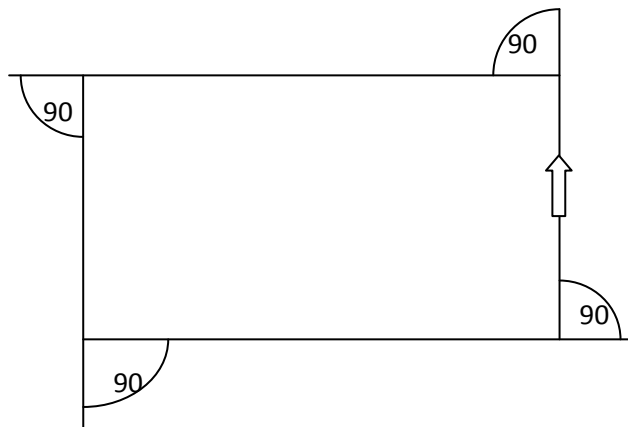
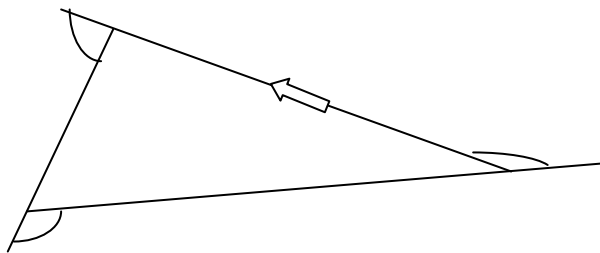


If she went round every angle once when she went round the last angle she would be facing the way she started. She could also do this with a square or rectangle.



$$90+90+90+90=360$$

It also works with any triangle, because she always faces the same way when she gets back to the start.



All shapes outer angles will add up to  $360^\circ$  because Brenda always faces the same way when she gets back to the start.