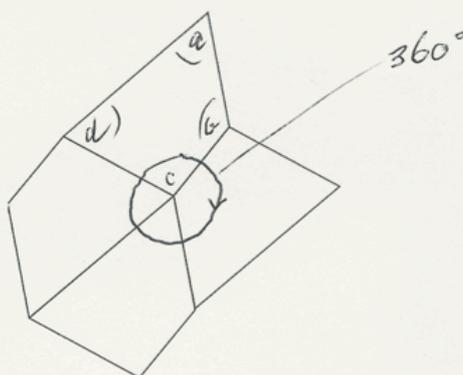# Sample response to quadrilateral tessellation

http://topdrawer.aamt.edu.au/Reasoning/Big-ideas/Mathematical-truth/Truth-of-propositions/Do-quadrilaterals-tessellate

The angles of the quadrilateral, a b c and d, are all different. With congruent copies of my quadrilateral, I put the four angles together.

Because the four angles always add up to 360° they made the complete circle.

The new shape made from the four quadrilaterals also tessellate for the same reason: the different angles will always add up to 360.°