

In case, as a teacher, you're a little puzzled as to what's happening, this may help and encourage you to have your pupils investigating the whole situation. Here is a quadrilateral and I've started at the red dot. Having gone half way to points as in the challenge, it produced the blue quadrilateral. But I've carried on for another 4 steps and that lead to the Green quadrilateral. I've carried on in the same way and produced two more quadrilaterals (Orange and then Purple) which now end up on top of each other.

