

# The NRICH Maths Roadshow is coming!



**A day of puzzles, games and hands-on activities to train your creative mathematical brain.**

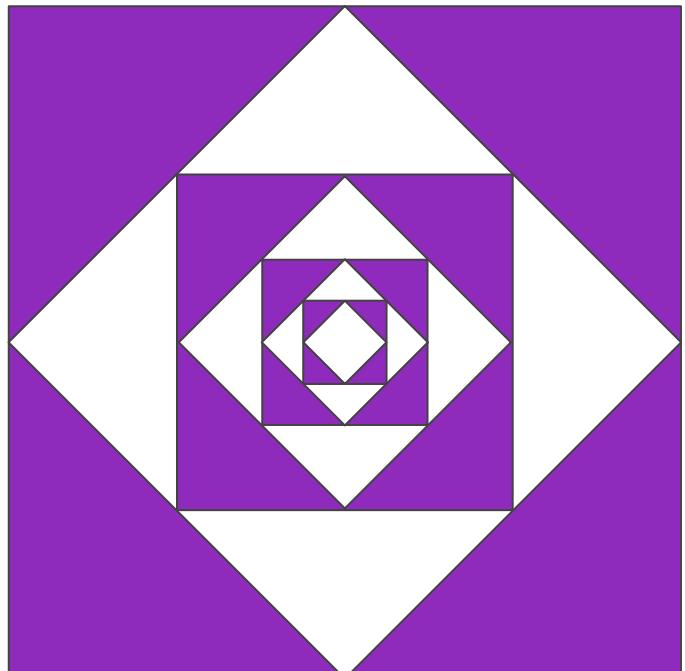
The NRICH Roadshow will be here on:

## Diminishing Returns

How do you think the pattern was made?

How do you think the pattern would continue?

What proportion of the total area of the square is taken up by the small square in the middle?



If this process could be continued forever, what proportion of the image would be coloured purple?