

## Term 2 Maths Challenge

### Year 3 and 4

If you would like to complete this Term's Maths Challenge, send any of your answers to Miss Lane [amy.lane@chiltonprimary.co.uk](mailto:amy.lane@chiltonprimary.co.uk) by Monday 13<sup>th</sup> December. You might want to take photos or write down your answers. Be creative!

All children will receive a certificate if they enter the competition. There will also be a prize raffle.

You will need a loop of string for this activity and three other people.



- 1) Stretch the string out so that each of you is holding a corner to make a quadrilateral.
- 2) Try to make one which has exactly one line of symmetry.  
Is it possible?
- 3) How could you convince someone else that your shape has just one line of symmetry?
- 4) Can you make any other quadrilaterals with just one line of symmetry?
- 5) Try again, but this time answer the same questions for a quadrilateral with exactly two lines of symmetry.
- 6) Try again, but this time answer the same questions for a quadrilateral with exactly three lines of symmetry.
- 7) Try again, but this time answer the same questions for a quadrilateral with exactly four lines of symmetry.