

Further Challenges

If you are looking to further your learning, try one of these NRICH problem solving challenges.

These will not be marked via google classroom, but you are welcome to explore and complete these at home. 😊

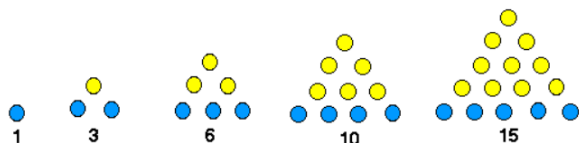
Graphing Number Patterns

Age 7 to 11 ★

The class were making number patterns and then making graphs of them.

Several children had plotted graphs of the "times tables". They made good-looking straight lines.

Tom had started on the six times table but had then decided to do something more interesting. He had made the triangular numbers with counters last year. That was a better idea, he thought.



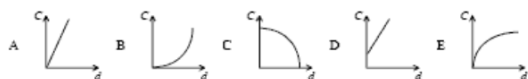
NRICH Line Graphs

<https://nrich.maths.org/1174>

Circumference and Diameter

Age 11 to 14 Short ★

Which of the following could be the graph showing the circumference C of a circle in terms of its diameter d ?



NRICH Circles

<https://nrich.maths.org/5758>

Ice Cream Pie

Age 11 to 14 Short ★

An ice cream stall sells vanilla, strawberry and chocolate ice creams.

The pie chart illustrates the sales of ice cream today.

The number of vanilla and the number of chocolate ice creams sold were the same.

The stall sold 60 strawberry ice creams.

How many chocolate ice creams were sold?



NRICH Pie Charts

<https://nrich.maths.org/2438>

You can also complete any other NRICH Investigations about Line Graphs, Circles or Pie Charts.