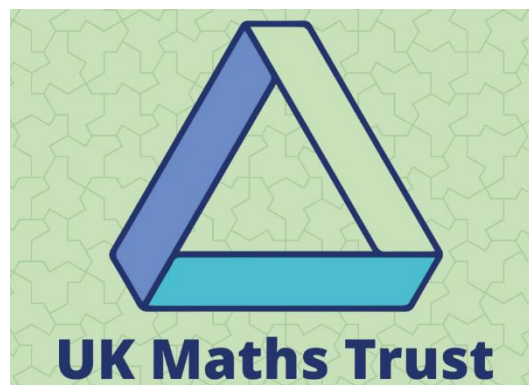


## Intermediate Maths Challenge



Wednesday 29<sup>th</sup> January saw 49 pupils from Upper 4, Lower 5 and Upper 5 competing in the United Kingdom Mathematics Trust's Intermediate Challenge. This is a highly regarded national competition comprised of twenty-five thought-provoking questions that must be completed within one hour. The questions thoroughly test student's ability to think analytically and creatively, applying their mathematical knowledge quickly and precisely. Calculators as well as geometrical instruments are not allowed and hence, numeracy skills are also important. Here are a couple of the questions to give a flavour:

"What is the value of  $\sqrt{2025^2 - 2024 - 2025}$ ?"

"Two white roses and a yellow rose cost £5. Two white roses and three red roses cost £10.50. Three yellow roses and two red roses cost £11. What would be the total cost of one red rose, one white rose and one yellow rose?"

Our pupils found the competition tough but interesting and they are looking forward to their results which we will receive in a few weeks' time. The Junior competition for younger pupils will take place at the beginning of May.

Dr Phil Watson