



This is a competition for all people who like to have a bit of fun with maths! There are 3 Rounds - Team, Kahoot, and Video.

The Team round involves grouping participants of the same school into teams, who then join forces to answer and explain 10 questions. This is the hardest round and is highly mathematically challenging.

The second round, Kahoot, is a series of questions testing your Maths as well as some related skills. In 2020, there was a whole category of questions on the MTR e.g. "How many stations do you need to pass through in order to get from Nam Cheong to Heng On?"

The third round is the Video round. This round involves watching a video, taking notes, and answering questions on things that appeared in the video. The videos get harder and longer as you proceed further in the round so you need to make sure that you concentrate. ,

Not only is the race diverse and exciting, it is also a fun activity. If you can spare some time next year, it is definitely worth joining!

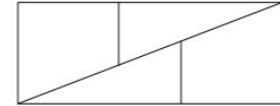
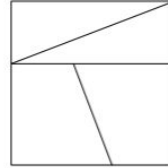
As for the experience of doing the UK Senior Maths Challenge...

When I sat down, turned my computer on and started the test, I had no fear. I knew that I would mess up at least one question, but that knowledge somehow reassured me that there was nothing to panic about.

We were given 92 minutes for the test. The first 2 minutes were for answering three yes-or-no questions about whether you are a UK citizen or not. Question 1 was fairly easy. It was cold inside and I was shivering in my seat. I carried on shivering until question 17 when I suddenly had to concentrate much harder.

I steadily worked through the questions until I reached questions 22 and 24. Those were rather stressful. I decided to leave those blank until I had finished the rest. Eventually, I answered all of the questions and even had some time to check my answers.

22. A square with perimeter 4 cm can be cut into two congruent right-angled triangles and two congruent trapezia as shown in the first diagram in such a way that the four pieces can be rearranged to form the rectangle shown in the second diagram.



What is the perimeter, in centimetres, of this rectangle?

- A $2\sqrt{5}$ B $4\sqrt{2}$ C 5 D $4\sqrt{3}$
E $3\sqrt{7}$

At the time, I had my doubts, but what was done was done. As it turned out, I got all of them correct! This experience gave me a huge boost of confidence and I will definitely participate in future Maths Challenges too.

Mark Lee, 10X1