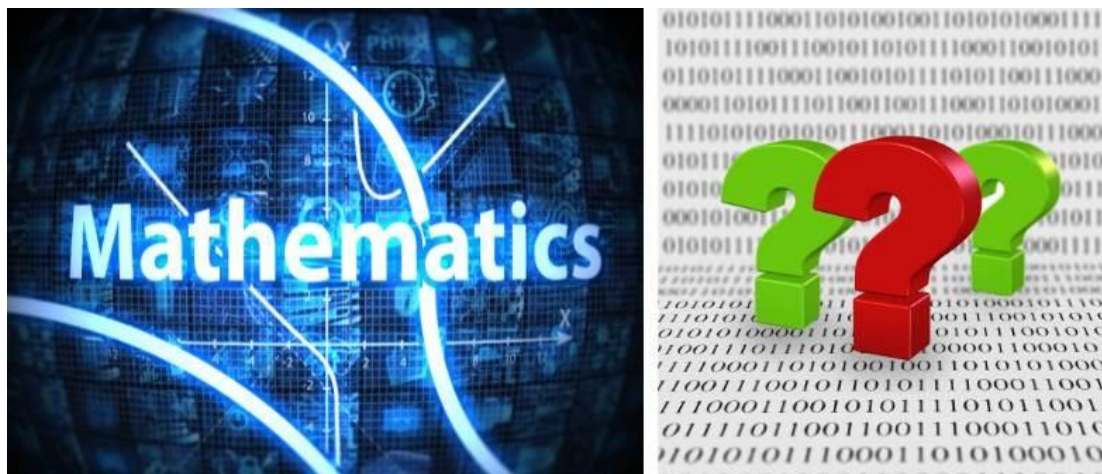


Introducing...the weekly puzzle



New for September 2023 is the 'weekly puzzle'. Every week a new puzzle will be displayed on the board outside S1. The level of difficulty will vary each week. Can you use reasoning and logical processes to work out the answer?

This week's puzzle is a famous one called 'Cheryl's Birthday'.

Albert and Bernard just became friends with Cheryl, and they want to know when her birthday is. Cheryl gives them a list of 10 possible dates:

May 15, May 16, May 19, June 17, June 18, July 14, July 16, August 14, August 15 or August 17

Cheryl then tells Bernard and Albert separately the month and the day of her birthday respectively.

Albert: I don't know when Cheryl's birthday is, but I know that Bernard does not know too.

Bernard: At first I don't know when Cheryl's birthday is, but I know now.

Albert: Then I also know when Cheryl's birthday is.

When is Cheryl's birthday?

If you can work out the answer, tell your maths teacher. Answers with good mathematical reasoning will get a housepoint!