



St George's College

WEYBRIDGE

Maths Quest: 1st Half Term Autumn 2018

The last day of the St George's College Autumn half term (4 November) has a nice property to it when written in shorthand form: 4/11/18

- There is a square number (4)
- There is a prime number (11)
- Whilst the last is a product of a square and a prime ($18 = 9 \times 2$)



PROBLEM

When will the next dates be (after 4 November 2018) that take the form:

- Prime / Square / Product of square and prime
- Product of square and prime / Square / Prime
- Square / Product of square and prime / Prime
- Product of square and prime / Prime / Square
- Prime / Product of square and prime / Square

Please e-mail Miss Stockbridge with your solutions by Wednesday 7 November and don't forget to include your name and your school's name.

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All correct entries will be displayed on the St George's Weybridge website.