



**Advanced Mathematics
Support Programme®**

Every positive two-digit number is greater than the product of its digits.

Is this always true?

Can you find a counter-example?

Every positive two-digit number is greater than the product of its digits.

It looks like it is always true?

$$67 > 6 \times 7$$

$$43 > 4 \times 3$$

$$29 > 2 \times 9$$

How can we prove it beyond doubt?

About the AMSP

- A government-funded initiative, managed by MEI, providing national support for teachers and students in all state-funded schools and colleges in England.
- It aims to increase participation in AS/A level Mathematics and Further Mathematics, and Core Maths, and improve the teaching of these qualifications.
- Additional support is given to those in priority areas to boost social mobility so that, whatever their gender, background or location, students can choose their best maths pathway post-16, and have access to high quality maths teaching.

Contact the AMSP



01225 716 492



admin@amsp.org.uk



amsp.org.uk



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