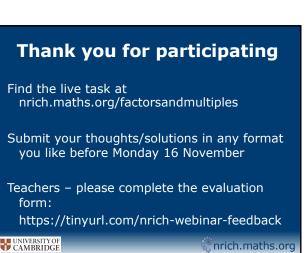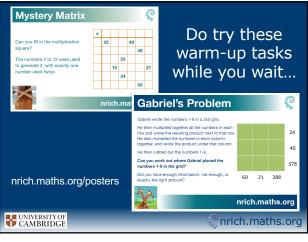Welcome!
The NRICH webinar
will start shortly

Please introduce yourselves...
In the Chat, let us know the name
of your school, location, year
group and class size

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Mystery Matrix

Can you fill in the multiplication square?

The numbers 2 to 12 were used to generate it, with exactly one number used twice.

Do try these
warm-up tasks
while you wait...

Gabriel's Problem

Gabriel wrote the numbers 1-9 in a 3x3 grid.

He then multiplied together all the numbers in each row and wrote the resulting product next to that row. He also multiplied the numbers in each column together, and wrote the product under that column.

He then rubbed out the numbers 1-9.

Can you work out where Gabriel placed the numbers 1-9 in the grid?

Did you have enough information, not enough, or exactly the right amount?

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Thank you for participating

Find the live task at
   nrich.maths.org/factorsandmultiples

Submit your thoughts/solutions in any format
   you like before Monday 16 November

Teachers – please complete the evaluation
   form:
   https://tinyurl.com/nrich-webinar-feedback

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