



**Advanced Mathematics  
Support Programme®**

## Round 2 - what comes fourth?

5 Points

2

3 Points

1.73205...

2 Points

1.41421...

?

## Round 2 - what comes fourth?

5 Points

2

3 Points

1.73205...

2 Points

1.41421...

1

Square roots of 4,3,2,1

# 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.

# MEI holds the NCETM CPD Standard

The CPD Standard supports maths teachers to access information about the wide range of CPD provision on offer and to be assured of its appropriateness and quality.

*[ncetm.org.uk/cpdstandard](https://ncetm.org.uk/cpdstandard)*

Continuing Professional  
Development  
Standard

National Centre  
for Excellence in the  
Teaching of Mathematics

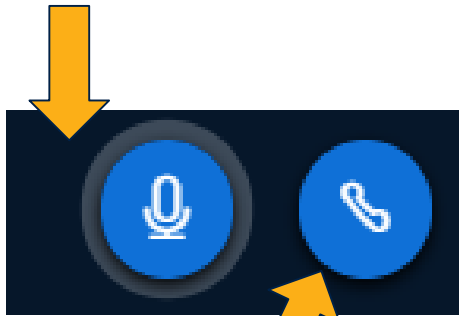


# Useful things to know

## Mute/unmute mic.

Please mute your mic if not talking.

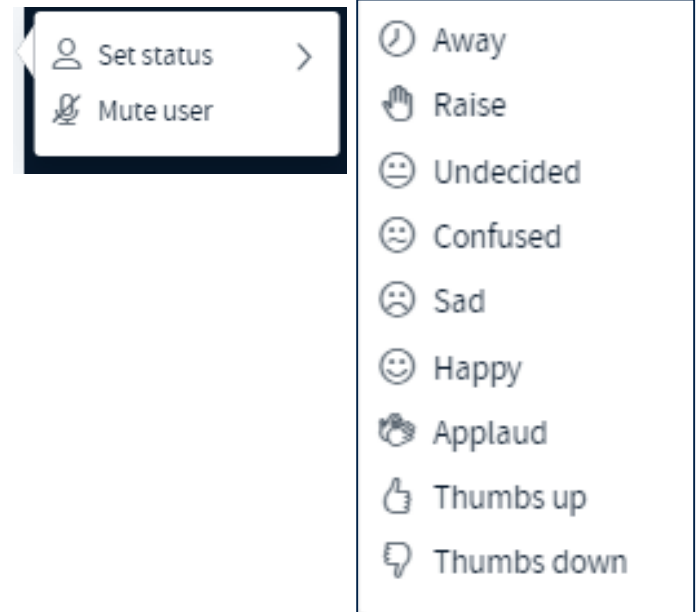
Ask questions at any point

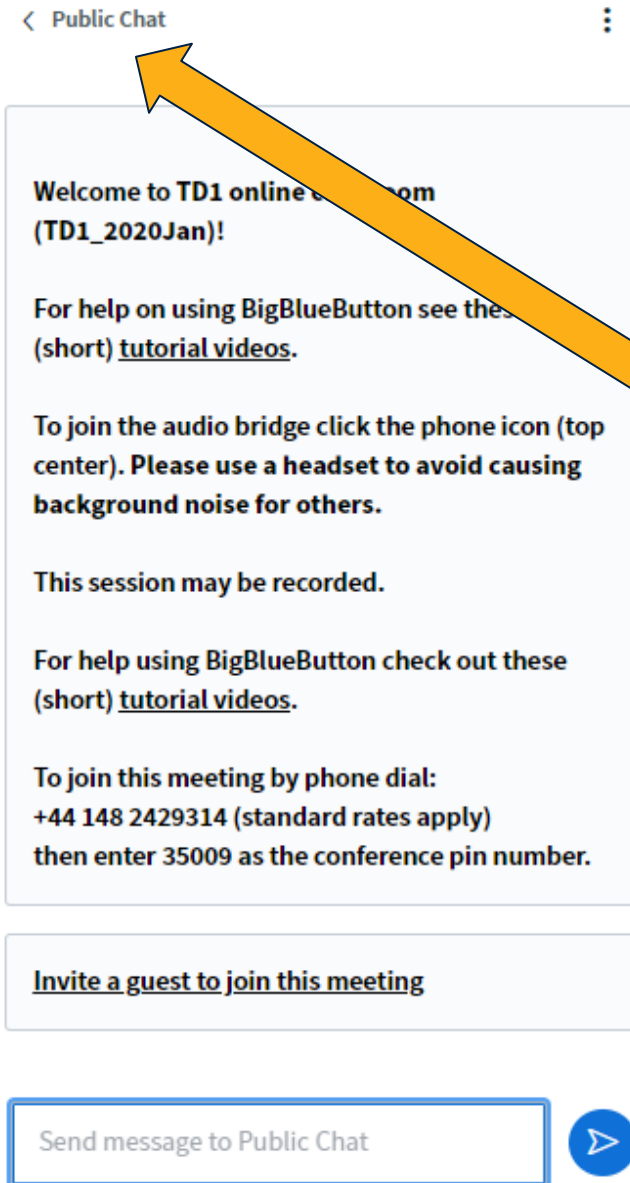


## Join/leave audio



## Status icons (click on your name)



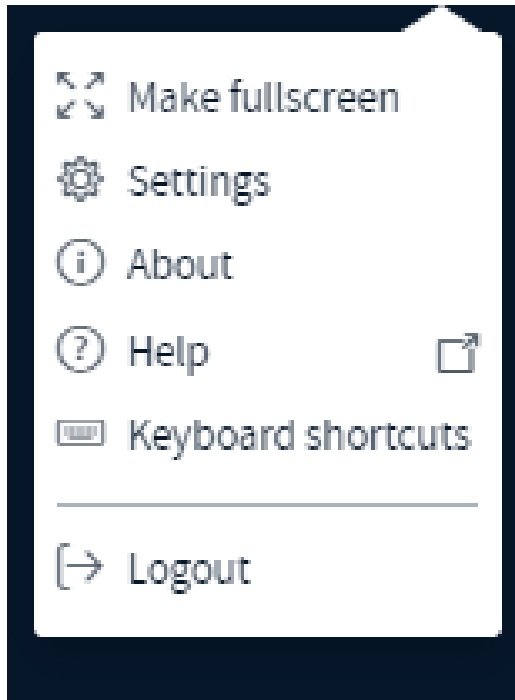


# The chat box

You can hide this if  
you find it distracting!

# Logging out at the end

Go to your hamburger menu (top right)



**DON'T DO THIS YET!**





# Coffee and Pi Oxfordshire Teachers' Network

17th June 2020

Lesley Swarbrick

AMSP Area Coordinator

# Outline

- Introductions
- Desmos activities
- Chat time
- AMSP additional support updates
- Next meeting

# Introductions

- Please say a little about yourself and your school.

# Desmos activities

- Jack Wilcock
- ex Matthew Arnold School, Oxford

# Other help with desmos activities

- <https://mei.org.uk/desmos> A set of 3 videos for beginners.
- <https://amsp.org.uk/events/details/7544> ODPD desmos in the Maths Classroom.

# Chat time

- How are you preparing for the return to school?

# BBO Maths Hub update

- A Level Pedagogy Work Group – Thurs 9 July, 3.30pm – collaborative planning
  
  - 2020-2021 Work Groups
    - A Level Pedagogy led by Chris Kirkham
    - Supporting Core Maths led by me
    - More info from [les.swarbrick@gmail.com](mailto:les.swarbrick@gmail.com)
    - Sign up from September
- <https://bbomathshub.org.uk/post-16-overview/>

# AMSP updates



# Year 10 to year 11 transition

- **Year 10 support – enrichment:** Most of these engaging enrichment resources are now available, with the last uploaded by the end of half term. There is one resource per week to take students through to the end of the summer term, including a specifically designed resource for *Women in Engineering Day* on 23<sup>rd</sup> June 2020.

# AMSP Live Online PD - LOPD

Free to state funded schools/colleges, available at a cost to Independent schools

## Core Maths Online Festival

- Teaching Maths in Context
- Challenging Topics in Core Maths
- Teaching the Chi Squared Test
- A view from the university – Core Maths and Social Sciences
- The Importance of Mathematical Modelling
- Core Maths Activities for KS3/4
- .....

# Core Maths Skills

- Online course for students who are in Year 11 and going on to sixth form study in September.
- Designed to help students revise the maths skills they will need for A level subjects such as Biology, Psychology, Geography, Business, level 3 vocational courses, and also for level 3 Core Maths.
- Includes full solutions to all questions and automatically marked online tests. Students can do all sections or just the ones most relevant for their sixth form study.
- Students can get free access by a simple sign-up at [https://2017.integralmaths.org/management/self\\_reg\\_students.php](https://2017.integralmaths.org/management/self_reg_students.php)

# Year 11 to year 12 transition

- **Year 11 transition to A level Maths/Further Maths:** The first four out of six sets of resources are available on the [AMSP website](#).

# AMSP Online PD - ODPD

Free to state funded schools/colleges, not available to Independent schools

Including:

- Geogebra in the GCSE Classroom
- Geogebra in the Maths Classroom
- Spreadsheets & the LDS

# Professional Development Videos

- Videos to support PD free online

Including:

- Technology

# Sustained Courses

- Booking is now open for TAM, TFM1, TD1, TS1, TM1
- <https://amsp.org.uk/events/sustained-pd-courses>



- Register with the AMSP  
([www.amsp.org.uk/register](http://www.amsp.org.uk/register))
  - Free access to AS/A Level Pure
  - An account to share with students (not online tests or student management features)
- Paid Subscription
  - Free additional student accounts (until 30/9)
  - Link when you sign into integral



# Teach at Home

- MEI Support - <https://mei.org.uk/closure-support>
- AMSP support - <https://amsp.org.uk/about/school-college-closures>

## Twitter

- AMSP - [@Advanced\\_Maths](https://twitter.com/Advanced_Maths)
- AMSP South region - [@AdMathsSouth](https://twitter.com/AdMathsSouth)
- MEI - [@MEIMaths](https://twitter.com/MEIMaths)

# MEI Virtual Conference

<https://conference.mei.org.uk/>

The **FREE** *online* conference for all 11-19 maths teachers

# Next Online meeting

- Tuesday July 7th 2020 4pm
- Topic: Discussion of the possible ways of delivering a blend of home and school teaching from September 2020
- Plus any other issues or concerns you might want to chat about

# Thank you

- Feedback please

- Subscribe to the AMSP (every teacher in the department) – [www.amsp.org.uk/subscribe](http://www.amsp.org.uk/subscribe)
- Register with the AMSP (one person in the department) – [www.amsp.org.uk/register](http://www.amsp.org.uk/register)
- Consider some AMSP Professional Development – [www.amsp.org.uk/events](http://www.amsp.org.uk/events)

# Contact Lesley



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