

Sixth Form Pop Maths Quiz

Saturday 6th March 2021 – online – via Zoom

What is a Pop Maths Quiz?

The Pop Maths Quiz is a team competition that runs a bit like a Pub Quiz but without any alcohol! Teams consist of 4 students (under 19 years) who, during the Quiz, work as a team to attempt to solve a number of questions on a wide range of mathematical topics. Not all questions require specific A-level maths knowledge but all questions have a mathematical flavour.

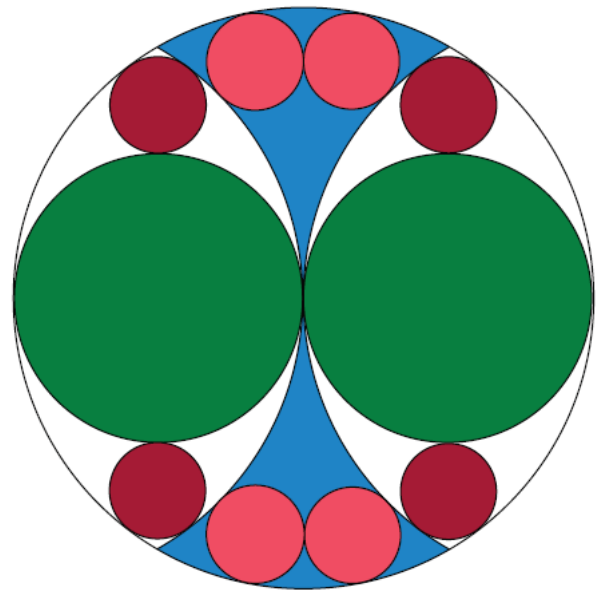
For example:

The outer circle has radius 12 cm.

What is the radius of the dark red circles?

Another example:

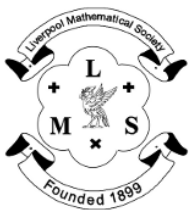
Sam gets a train followed by a bus to school. The probability that the bus is on time is 0.8, the probability that both are late is $\frac{5}{100}$. If the bus is on time, then the train is 5% more likely to be late than if the bus is late. What is the probability exactly one mode of transport is late?



Every participant will get a certificate, but it will not be possible to award prizes this year for this online quiz during COVID lockdown

Register your interest by completing the online form when it becomes available on the LivMS PMQ webpages: <http://www.livmathssoc.org.uk/cgi-bin/sews.py?PopMathsQuiz>

or by email to Barry Grantham granthb47@gmail.com



The Sixth Form Pop Maths Quiz is organised by Liverpool Mathematical Society and is sponsored by Liverpool Mathematical Society, Liverpool John Moores University and WH Smith Ltd.