



Dear Head of Mathematics,

Please see the following information relating to the M. L. Urquhart Mathematics Competition.

The competition is named in honour of the late M. L. (Mac) Urquhart, who lectured in mathematics at the University of Tasmania from 1947 to 1966. In 1960, he founded and became the first president of the Mathematical Association of Tasmania. MAT's logo includes a Euclidean geometry result widely known as Urquhart's Theorem. Urquhart discovered the theorem himself in 1964 but was not the first to do so. He succeeded in proving it but did not publish his proof.

The M. L. Urquhart Mathematics Competition is an annual problem-solving competition for Tasmanian students in Years 11 and 12. This Competition is the most mathematically demanding of competitions conducted by the Association. Students have three hours in which to attempt eight questions. The winner of the Competition receives the Urquhart Medal and a certificate.

It is **free** to enter the M. L. Urquhart Mathematics Competition. Competition information, including competition papers, will be distributed by David Coulson ([david.coulson@decyp.tas.gov.au](mailto:david.coulson@decyp.tas.gov.au)). Registrations are restricted to **up to three students per college**. Please let David know via email how many students will be entering from your school.

This year, the M. L. Urquhart Mathematics Competition paper will be sat on **Thursday 28th September**. David will send the paper via email on **September 25**, students will sit the paper on September 28 and then please post the hard copy of the students' solutions to the address below as soon as possible thereafter.

It would be appreciated if you could please:

1. Print coloured hard copies of the examination paper for your candidates to use.
2. Give each candidate a sheet of grid paper to use.
3. Post completed candidate solutions to the following address:

David Coulson  
c/- Launceston College,  
107-119 Paterson St,  
Launceston 7250.

Many thanks in anticipation,

David Coulson ([david.coulson@decyp.tas.gov.au](mailto:david.coulson@decyp.tas.gov.au))