



Dear Head of Mathematics,

Please note the following information relating to the ML Urquhart Mathematics Competition. The competition is named in honour of the late ML (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 ML 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 the questions. The winner of the Competition receives the Urquhart Medal and a certificate. It is free to enter the ML 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 institution. Please let David know via email how many students will be entering from your school. This year, the ML Urquhart Mathematics Competition paper will be sat on Thursday 12th September. David will send the competition paper via email on September 9, students will sit the paper on September 12.

In preparation for the competition, you will need to:

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. Inform candidates that scientific calculators may be used but the use of CAS calculators is prohibited for the ML Urquhart Competition.

Once the competition is completed, we ask you to:

4. Post the hard copy of the students' solutions to the address below as soon as possible thereafter:

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))