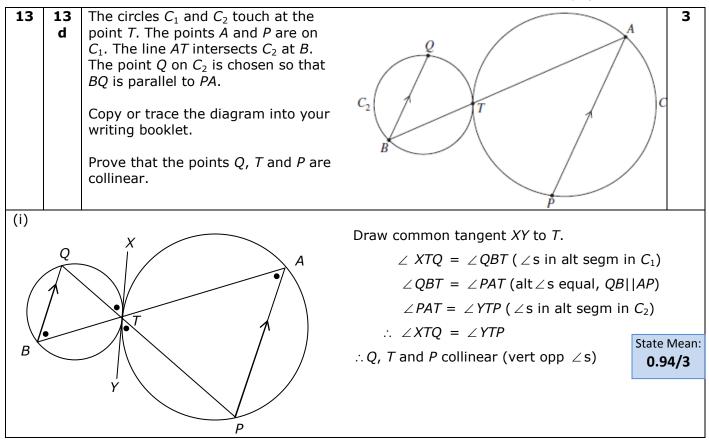
HSC Worked Solutions

projectmaths.com.au



* These solutions have been provided by *projectmaths* and are not supplied or endorsed by the Board of Studies

Board of Studies: Notes from the Marking Centre

Only a small number of candidates used the fact that the 'circles touched', resulting in the use of a common tangent at T or the line of centres passing through the point of contact.

Common problems were:

- using the fact that QTP was a straight line in their proof, when this is what was required
- not giving supporting reasons for each step in the proof
- not annotating the diagram that they had to copy into their answer booklet.

Source: http://www.boardofstudies.nsw.edu.au/hsc_exams/