



Woodward Street
PO Box 654, Orange NSW 2800
P (02) 6362 3444
F (02) 6361 3616
www.orange-h.schools.nsw.edu.au

Orange High School

Honour the Past, Create the Future

Higher School Certificate Assessment Task Cover Sheet

Subject: Mathematics Standard 1	Assessment Task Title: In-class task with notes
Year: 12	Assessment Weighting: 25%
Teacher: Mr Lummis	Date Distributed: Thursday 27 th February, 2025
Assessment Task Number: 2	Date Due: Friday 21 st March, 2025 (Week 8, Term 1)

Zero marks if the Assessment Task is submitted late, unless an Illness/ Misadventure or application for extension form has been submitted.

Comments by Teacher:

- You will have **55 minutes** to complete this task.
- You can be assessed on any work associated with the following Year 12 Mathematics Standard 1 concepts:

Networks and Paths	Right Angled Triangles
<ul style="list-style-type: none">• Network Terminology• Drawing a Network Diagram• Network Problems• Minimum Spanning Trees• Shortest Path	<ul style="list-style-type: none">• Pythagoras' Theorem• Trigonometric Ratios• Finding an Unknown Side• Finding an Unknown Angle• Solving Practical Problems• Angles of Elevation and Depression• Compass and True Bearings

Materials:

- You will be provided with the Standard 1 NESA HSC Formula Sheet
- You are permitted to bring in **one double-sided A4 hand-written sheet of notes** to use during your task. You will submit this at the conclusion of the task. It is not worth any marks.
- Please bring a NESA-approved calculator.

Syllabus Outcomes:

Networks and Paths - MS1-12-8, MS1-12-10

Right-Angled Triangles - MS1-12-3, MS1-12-4, MS1-12-10

Assessment Criteria/Marking Rubric:

Marks for each question will be clearly shown next to each question in the test paper.