Task Number	2	Task Name	Half Yearly Examination
Course	Year 8 Mathematics	Faculty	Mathematics
Teacher	Tyson, Prince, McClure, Broadley, Cabot	Head Teacher	Ms Humphrys
Issue date	29/2/2024 (Thursday Week 5)	Due date	6/6/2024 (Thursday Week 6B)
Focus (Topic)	Algebraic Techniques & Indices	Task Weighting	25%

Outcomes

Topic	Outcome/s
Probability	• MA4-21SP Represents probabilities of simple and compound events
Equations	• MA4-8NA Generalises number properties to operate with algebraic expressions
Pythagoras	• MA4-16MG Applies Pythagoras' theorem to calculate side lengths in right-angled triangles, and solves related problems
Working Mathematically	• MA4-1WM Communicates and connects mathematical ideas using appropriate terminology, diagrams and symbols • MA4-2WM Applies appropriate mathematical techniques to solve problems

Task description

In class test:
- Test is of 45 minutes duration.
- Calculators are permitted and encouraged.
- 1 A4 summary sheet permitted.

Marking Guidelines

Marks will be awarded as indicated for each question.