IQM3004

LEVEL 3 · CONTROLLED ASSESSMENT

INTO QUALIFICATIONS

Mathematics

Component 1: Paper 1 written examination

Formula sheet

Duration
1 hour 30 minutes

Total marks
75

Assessment window
Sample assessment

Assessment set
Set S of 2026

Audience
Candidates

Release timing
exam release

Exam date
_____

Assessment set ID
2026-S

The following formulae are provided. All other results are expected to be known.

Algebra

Quadratic formula: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

Trigonometry

Arc length: $s = r\theta$

Sector area: $A = \frac{1}{2}r^2\theta$

Segment area: $A = \frac{1}{2}r^2(\theta - \sin\theta)$

Identity: $\sin^2\theta + \cos^2\theta = 1$

Area of a triangle: $A = \frac{1}{2} a b \sin C$

Exact trigonometric values

θ: $0, \pi/6, \pi/4, \pi/3, \pi/2$	
$\sin\theta$: $0, 1/2, \sqrt{2}/2, \sqrt{3}/2, 1$	
$\cos\theta$: $1, \sqrt{3}/2, \sqrt{2}/2, 1/2, 0$	
$\tan\theta$: $0, 1/\sqrt{3}, 1, \sqrt{3}$, undefined	
Assessment window Sample assessment	**Exam date** _____
Paper P1	**Assessment set** Sample 2026 · ID 2026-S