



Gr 10 Maths 3-in-1 (Module 5)

- # 1: Pre-trig
- # 2: Trigonometry of acute angles
- # 3: Trigonometry 'Unlimited' ($0^\circ \rightarrow 360^\circ$)

Note: The Gr 10 Exemplar Exams and Memos are at the end of the book

5.1 \rightarrow 5.3
5.4 \rightarrow 5.18
5.18 \rightarrow 5.27

Gr 11 Maths 3-in-1 (Modules 6b, 7 and 10)

- # 1: Trigonometric Graphs
- # 2: Trigonometry (Part 1) – General
Gr 11 Trigonometry Summary
- # 3: Trigonometry (Part 2) – Area, Sine and Cosine Rules

Note: The Gr 11 Exemplar Exams and Memos are at the end of the book
The Formula Sheet

6.33 \rightarrow 6.40
7.1 \rightarrow 7.23
7.24
10.1 \rightarrow 10.17

Gr 12 Maths 2-in-1 (Module 6)

- # 1: Trigonometry Part 1: General, including Compound angles
 - # 2: Trigonometry Part 2: 2D and 3D problems
- Back pages: Area, Sine & Cosine Rules & PROOFS
Compound Angles & PROOFS
Gr 12 Trigonometry Summary
The Formula Sheet



See Challenging Questions
booklet:
pages 23 \rightarrow 28

viii

19 \rightarrow 25
25 \rightarrow 27
iv
v
vi
xviii



See the Topic Guide on p. 148
for further exam practice.

Gr 12 Maths Past Papers Toolkit

- Back pages: Trigonometry Proofs & Summary
The Formula Sheet



See the Topic Guides: DBE: p. 2 & IEB: p. 40

iv \rightarrow vii
xviii



Gr 10 Maths 3-in-1 (Module 7)

- # 1: Lines, angles & triangles: revision • vocabulary & facts
- # 2: Quadrilaterals: revision • definitions • theorems • areas
- # 3: Midpoint theorem
- # 4: Polygons: definitions & types • interior angles • exterior angles

Note: The Gr 10 Exemplar Exams and Memos are at the end of the book

7.1 → 7.7
7.8 → 7.15
7.16 → 7.17
7.18

Gr 11 Maths 3-in-1 (Module 9)

- # 1: Revision from earlier grades
- # 2: Circle Geometry

Note: The Gr 11 Exemplar Exams and Memos are at the end of the book

9.1 → 9.5
9.6 → 9.26

Gr 12 Maths 2-in-1 (Module 10)

- # 1: Circle Geometry
- # 2: Proportion Theorem
- # 3: Similar Triangles
- # 4: Mixed

See Challenging Questions booklet:
pages 29 → 38

Back pages: Circle Geometry, Proportion and Similar Triangles Theorem PROOFS
Grouping of Circle Geometry Theorems
Converse Theorems in Circle Geometry
Theorem Statements & Acceptable Reasons

36 → 40
40 → 42
42 → 43
43
i → iii
viii
ix
x → xii

Gr 12 Maths Past Papers Toolkit

Back pages: Circle Geometry, Proportion and Similar Triangles Theorem PROOFS
Grouping of Circle Geometry Theorems
Theorem Statements & Acceptable Reasons

See the Topic Guides: DBE: p. 2 & IEB: p. 40

i → iii
xiii
xiv → xvi



Gr 10 Maths 3-in-1 (Module 8)

- # 1: Important Revision: coordinates of a point, || and \perp lines, geometric figures
- # 2: The 3 analytical concepts: gradient, distance, midpoint: in 3 classic situations

Note: The Gr 10 Exemplar Exams and Memos are at the end of the book

8.1 → 8.3
8.3 → 8.13

Gr 11 Maths 3-in-1 (Module 5)


- # 1: Revision and general approach
- # 2: The angle of inclination (& gradient)
- # 3: Straight line graphs
- # 4: Polygons in Analytical Geometry
- # 5: Drawers of Tools
- # 6: Mixed Exercise

Note: The Gr 11 Exemplar Exams and Memos are at the end of the book
The Formula Sheet

5.1 → 5.4
5.4 → 5.8
5.8 → 5.11
5.12
5.13
5.14 → 5.15

Gr 12 Maths 2-in-1 (Module 9)

- # 1: Gr 10 & 11 Revision
 - # 2: Gr 12 Circles, centre at the origin/any centre
- Back pages: Analytical Geometry Toolkit
The Formula Sheet




See Challenging Questions booklet:
pages 39 → 41

viii
33
34 → 35
xiii → xiv
xviii

Gr 12 Maths Past Papers Toolkit

- Back pages: Trigonometry Proofs & Summary
The Formula Sheet



See the Topic Guide on p. 148
for further exam practice.



See the Topic Guides: DBE: p. 2 & IEB: p. 40

xi → xii
xviii

Gr 10 Maths 3-in-1 (Module 10)

- # 1: Organising data
- # 2: Summarising data
- # 3: Displaying data

Note: The Gr 10 Exemplar Exams and Memos are at the end of the book

10.1 → 10.2
10.2 → 10.9
10.10 → 10.15

Gr 11 Maths 3-in-1 (Module 13)


- # 1: Summary
- # 2: Measures of Central Tendency
- # 3: Measures of Dispersion
- # 4: Diagrams
- # 5: Variance & Standard Deviation
- # 6: Symmetric & Skewed Data
- # 7: Outliers
- # 8: Scatter Plots
- # 9: Mixed Exercise

Note: The Gr 11 Exemplar Exams and Memos are at the end of the book

13.1 → 13.4
13.4 → 13.5
13.6
13.6 → 13.18
13.19 → 13.22
13.23 → 13.27
13.28
13.29 → 13.30
13.31 → 13.32

Gr 12 Maths 2-in-1 (Module 11)

- # 1: Univariate Data
 - # 2: Bivariate Data
- Back pages: Calculator Instructions
The Formula Sheet



See Challenging Questions booklet – page 42

44 → 47
47 → 49



See the Topic Guide on p. 148
for further exam practice.

xvii
xviii

Gr 12 Maths Past Papers Toolkit

- Back pages: Calculator Instructions
The Formula Sheet



See the Topic Guides: DBE: p. 2 & IEB: p. 40

xvii
xviii