

Contents

	Page
Plane geometry	1
Rectangle	3
Square	7
Triangle	9
Pythagoras' (Pythagorean) Theorem	
More about right triangles.	15
Parallelogram and rhombus	22
Trapezium	26
Circle	30
Volume	40
Cube	42
Cylinder	48
Sphere	52
Cone	58
Pyramid	66
Archimedes' last hours	77
Trigonometry	81
Sine	83
Cosine	83

Tangent	91
A trigonometric puzzle	97
The sine curve	103
Radian	108
The unit circle	112
The area rule	115
The sine rule	117
The cosine rule	118

Index **125**