

Chapter 6 Time Allowed: 3 weeks	Trigonometry and Pythagoras' Theorem	
Topic	Exercise	Initials
	6A: Fluency: 1a, c, e Understanding: 3,4 Reasoning: 5	
Finding the side lengths in a right angled triangle	6B: Fluency: 1 b, c 2 b, c 3 b, c 4 b, c 5 b, d, f Understanding: 6, 7, 9, 10, 11, 13, 14 a, c 15 b, c 16 a, c Reasoning: 17, 18	
Finding side lengths in composite shapes	6C: Fluency 1, 2 b, c 3a, b, c 4 All Understanding: 6, 7, 8, 10, 11 Reasoning: 12, 14, 15, 16	
Pythagorean Triads	6D: Fluency: 1a, b, e, 2 All 3 Understanding: 5 a, c, e 7	
Introduction to Trigonometric Ratios <i>You will need a protractor for this exercise!</i>	6E: Fluency: 1 All, 3, 4, 5, 6 Understanding: 7	
Calculating unknown side lengths using trigonometric functions	6F: Fluency: 1a, b, c, f, g, k 2 All 4 a, b, c, d 5 a, b, c, d 6 All 7 All Understanding: 9, 10, 11, 12, 13	
Calculating unknown angles using inverse trigonometric functions	Ex 6G: Fluency: 1 b, c, e, h 2 b, e, k, l 3 All 4 All Understanding: 6, 7, 8 Reasoning; 10	
Angles of elevation and depression	Ex 6H: Understanding: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Reasoning: 14, 15	
REVISION	Chapter 6 Review Fluency: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 a, c 14 a, c 15, 17 a, b 18, 19, 20 All, 21 all 22 All 23 All 24 All 25 a, c, e, g 26	
REVISION (Continued)	Chapter 6 Review Problem Solving: 1, 2 b, 4, 5, 6, 8 Worksheet	