S2 Level 4 – Pupil Information Sheet for Block 3

FRACTIONS MTH 4-07b

Simplifying fractions
Add and subtract fractions with the same denominator
Add and subtract fractions with different denominators
Multiplying and dividing fractions

TJ 4+ Pages 178 - 183 **Corbettmaths.com Videos 133 and 142**
L&L Level 4 Pages 62 - 68

PYTHAGORAS THEOREM MTH 4-16a

Find the hypotenuse of a right-angled triangle
Find a shorter side in a right-angled triangle
Problem solving using Pythagoras' Theorem
Calculate the distance between coordinate points

TJ 4+ Pages 91 - 100 **Corbettmaths.com 257, 260, 263**
L&L Level 4 Pages 208 - 215

ALGEBRA 2 MTH 4-115a

Solving equations up to and including brackets
Solving equations with fractions
Solving inequalities

TJ 4+ Pages 55 - 61 **Corbettmaths.com Videos 110, 113, 178**
L&L Level 4 Pages 199 - 206

VOLUME AND SURFACE AREA MNU 3-11a,b MTH 4-11b

Calculating the surface area of cubes and cuboids
Calculating the volume of cubes and cuboids

TJ 4+ Pages 121 - 125 **Corbettmaths.com Video 355**
L&L Level 4 Pages 133 – 136

PROPORTION	**MNU 4-08a**

Sharing an amount in a given ratio
Unitary Proportion
Direct Proportion
Linear graphs of direct proportion
Indirect (Inverse) proportion

TJ 4+ Pages 111 - 117 **Corbettmaths.com Videos 254, 255, 270**
L&L Level 4 Pages 69 - 77

REVISION FOR S2 LEVEL 4 BLOCK 3 TEST

Topic	**Questions from TJ Book 4+**	
Fractions	Page 181 Q2 Page 183 Q2, 4, 6	Page 182 Q4, 8 Page 184 Q4, 5, 6, 9
Pythagoras' Theorem	Page 94 Q4, 5, 6 Page 99 Q4, 5	Page 98 Q8, 9, 10 Page 100 Q1, 3, 4, 5
Algebra 2	Page 56 Q5, 6, 7, 10 Page 61 Q1, 3	Page 60 Q7
Volume and Surface Area	Page 122 Q1, 2, 3, 4, 6 Page 131 Q1, 2	Page 123 Q13, 14, 16, 17
Proportion	Page 111 Q2 Page 116 Q4, 5, 6	Page 113 Q2, 3, 4 Page 117 Q3, 4, 6, 8