

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

Sharing an amount in a given ratio

Unitary Proportion

Direct Proportion

Linear graphs of direct proportion

Indirect (Inverse) proportion

TJ 4+ Pages 111 - 117

L&L Level 4 Pages 69 - 77

Corbettmaths.com Videos 254, 255, 270

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