

Year 7		
Spring Term Year 7	vle.mathswatch.co.uk	www.kerboodle.co.uk
<b>Unit 5 Fractions (Chapter 5)</b>	Mathswatch clips	Textbook reference Book 1B/1C
Use fraction notation and express one quantity as a fraction of another	N23a, R3	Ex 5.1
Convert between improper fractions and mixed numbers	N35	Ex 5.1
Identify equivalent fractions, simplify fractions and compare fractions	N23b, N23c, N34	Ex 5.2
Find the reciprocal of a number		Ex 5.5
Add fractions, including mixed numbers	N36, N41	Ex 5.3
Subtract fractions, including mixed numbers	N36, N41	Ex 5.3
Multiply fractions, including mixed numbers	N37a, N42a	Ex 5.4
Divide fractions, including mixed numbers	N37b, N42b	Ex 5.5
Calculate fractions of quantities	N37a	Ex 5.4
Apply fractions to practical situations		Chapter 5
Identify fractions as rational numbers		Ex 5.6
<b>Unit 6 Introduction to Algebra (Chapter 3)</b>		
Use letters to represent numbers	A2	Ex 3.1
Interpret simple algebraic notations	A4	Ex 3.1
Substitute integers into simple expressions and formulae	A10	Ex 3.2
Write simple expressions and formulae	A3	Ex 3.3
Simplify expression by collecting like terms	A6	Ex 3.4
Add and subtract linear expressions	A6	Ex 3.5
<b>Unit 7 Solving equations in one variable (Chapter 4)</b>		
Understand the concept of equations and balancing	A12	Chapter 4
Solve simple equations in one variable	A12	Ex 4.1
Write simple equations in one variable to solve problems	A17	Ex 4.2
<b>Unit 8 Collecting, Organising and Displaying Data (Chapter 12)</b>		
Recognise different methods of collecting data		Ex 12.1
Organise data		Ex 12.2
Create frequency tables	S3, S4	Ex 12.2
Construct analyse and interpret pictograms	S1a, S1b	Ex 12.3
Construct analyse and interpret vertical line charts, bar charts and compound bar charts	S2a, S2b	Ex 12.3

Mathswatch login: \_\_\_\_\_

password: \_\_\_\_\_

Kerboodle login: \_\_\_\_\_

password: \_\_\_\_\_