Year 5 – Summer Term	Objective (+30 minutes of revision daily always including times tables) Cube numbers in mental starter Roman numerals
1	• Recognise % symbol and recognise % means number of parts per 100 • Write percentages as a fraction /100 and as a decimal • Solve problems involving percentages and decimal equivalents of ½, 1/4, 1/5, 2/5, 4/5 and fractions with numerator of multiples of 10 and 25 eg 30/100 = 30% 75% = 25/100 = ¾ • Read and write decimals as fractions
2	• Compare and order fractions with denominators which are all multiples of the same number • Add and subtract fractions with denominators which are all multiples of the same number
3	• Round decimals with 2dp to the nearest whole number and to 1dp • Use rounding to check answers and determine in the context of problems (money?) • Recap rounding any number up to 1000000
4 week 23 abacus	• Interpret negative numbers in context • Count forwards and backwards with positive and negative whole numbers including through 0 • Temperature problems • Sequences – negative numbers and fractions: continue sequences inc with fractions eg 3, 3 ½ , 4 • Describe in words the rule for a sequence eg +1/2
5	• Decide which representation of data is most appropriate for continuous data (temperature – negative) • Interpret a table and use this in relation to graphs • Extracting – solve comparison, sum and difference problems using information presented in a line graph
6	• Multiply numbers up to 4 digits by 2 digit numbers using formal written methods (long multiplication) • Recap division – interpret remainders appropriately for context ie as a remainder, fraction, decimal or rounding • Solve problems combining all 4 operations
7	• Solve problems including scaling by simple fractions and problems involving simple rates
Half term	
8	• Describe positions on a 4 quadrant grid using coordinates • draw and label axes in all 4 quadrants with equal scaling • Draw and translate simple shapes on the coordinate plane and reflect them in the axes • Identify describe and represent the position of a shape, following a reflection or translation, using the appropriate language and

	know that the shape has not changed • Reflect shapes in lines parallel to the axes
9	• Solve problems including scaling by simple fractions (eg make half a recipe again) and problems involving simple rates (transferring between currency or measure) • Multiplying mixed numbers
10 (abacus week 24)	• Identify 3d shapes including cubes and other cuboids from 2d representations (pictures of and nets of 3d shapes). • Identify features of 3d shapes and recap on parallel perpendicular, vertices etc. • Create 3d shapes using 2d nets and draw 3d shapes
11	• Converting between metric measure (weight, capacity and length) • Understand and use approximate equivalences between metric units and common imperial units such as inches pounds and pints.
12	• Solve problems involving converting between units of time • complete, read and interpret information in timetables. • Roman numerals
13	•
14	• Revision and assessment