

Year 4 Maths Overview for Home Learning worksheet pack 4 (WB 22.02.21 and WB 01.03.21)

Early Bird – We have again included 10 daily practice sets of maths questions (one for each day). Like in class, complete all questions before starting the main lesson outlined below. The maths explored in the early bird work will be really useful to keep practising your core skills.

Lesson 1 (Page 1-2) Equivalent fractions	Lesson 2 (Page 3) Simplifying fractions	Lesson 3 (Page 4) Adding & Subtracting Fractions	Lesson 4 (Page 5) Fractions of amounts	Lesson 5 (Page 6 - 7) Decimal Equivalents
Worksheet 1 This is a quick warm-up activity. To write the fraction, the numerator is how many are shaded, the denominator is the total number of parts. See the example at the top of the page. Worksheet 2 Use the fraction bars to calculate equivalent fractions – revision from the last work pack. The lower half is a challenge. Read the instructions and watch the video lesson explaining this method.	Worksheet 1 Read through the example at the top of the page. The key to this work is to identify a factor for both numbers. Also treat both the numerators and denominators the same (i.e whatever calculation has been done to the denominator, must be repeated for the numerator)	Worksheet 1 Top questions are simple revision. Follow the instructions above the next set of questions – the shading of the fractions will support your calculations. Challenge – the final 8 questions are challenging. Read through the instructions/explanation and watch today's lesson on tapestry which goes through this method in detail.	Worksheet 1 Finding fractions of amounts. Follow this very simple rule.... Divide the number by the denominator of the unit fraction. To calculate the answers to the 5 questions at the bottom of the worksheet. Follow the rule above, and then... Times your answer by the numerator of the fraction	Worksheet 1 Like the worksheet says, this task could not be easier, just simply consider the place value column(s) the decimals are in and this indicates the fraction (either tenths or hundredths). Use the examples to guide you through this work. Worksheet 2 Use your knowledge from worksheet 1 to demonstrate your understanding of these questions.
Lesson 6 (Page 8-9) The value of digits in Decimal numbers	Lesson 7 (Page 10-11) Ordering & Comparing decimal numbers	Lesson 8 (Page 12 - 13) Rounding decimals	Lesson 9 (Page 14) Rounding decimals	Lesson 10 (Page 15-20) Assessment
Worksheet 1 This might be a good opportunity to use coloured crayons to underline the parts in a decimal number that fill the criteria in the table e.g use a red crayon to underline any number which has 7 tenths in. Worksheet 2 Use your understanding of decimal numbers to arrange the digits to create a number which lies between the 2 numbers given in each question.	Worksheet 1 When <u>ordering</u> numbers, it is sometimes useful to write them one below the other to compare the different place value columns (i.e. 1000's, 100's etc) and always start with the largest column which in questions 1-13 will be the tenths column (the first place value column after the decimal point) Worksheet 2 To <u>compare</u> numbers, remember the crocodile (< >) always eats the bigger number.	Worksheet 1 (2-sides) Use the number lines to mark the position of each decimal number. You will then be able to identify which number (ends of the number line) the decimal number is closest to.	Worksheet 1 Remember to use the rhyme which is written on the worksheet to help you. Follow the example below if you have forgotten how to round numbers... 2.6 rounded to the nearest whole number. <u>2</u> .6 Draw a square around the whole number as this is the one we are rounding to. Underline the digit before the whole number. It is a 6 and according to the rhyme, 5 or above give it a shove, we will therefore change the whole number (2) to a 3, which gives the answer 3.	Worksheet 1 Use everything you have learnt about fractions and decimals, to answer these questions. You can look back at work completed in this pack if you find any questions tricky.

Any practise of times tables for your child will be beneficial. Below are some links to websites which will encourage quick recall of times table facts.

<https://www.topmarks.co.uk/maths-games/hit-the-button> <https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>