

**Year 6 Maths for Home Learning week beginning 18th May 2020****Daily Lessons**

All year groups are to participate in the White Rose daily maths lesson by visiting <https://whiterosemaths.com/homelearning/>, selecting the correct age group on the right hand side and selecting Summer Term Week 4

**Additional Activities in Support of the White Rose Lessons for this week(if required/desired)**

To find out more about multiplying fractions: [https://www.mathsisfun.com/fractions\\_multiplication.html](https://www.mathsisfun.com/fractions_multiplication.html) or <https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/z8fyv4j>

How to multiply fractions by fractions: <https://www.bbc.co.uk/bitesize/topics/znmtsbk/articles/zd6dqhv> This is for KS3 but we did some similar pictures in class which you may remember.

Dividing fractions by whole numbers: <https://www.mathsisfun.com/numbers/fractions-division-whole-numbers.html> (Remember we had a rule to flip the fraction and change the sign)

Finding fractions of amounts: <https://www.math-salamanders.com/how-to-calculate-fractions.html>

**Challenge:**

Try some fraction related problems: <https://nrich.maths.org/10366> or <https://nrich.maths.org/8957> some of these are on both pages. Select a problem you are interested in. Or for a larger list:

[https://nrich.maths.org/public/topic.php?group\\_id=2&code=19](https://nrich.maths.org/public/topic.php?group_id=2&code=19) (list from last week).

Use the getting started and solutions tabs to help you and see how other people get on.

**Key Skills – these are to keep the children ticking over (if you have time)**

With mathsbot, you can use the answers to mark your work – click on Show Answers

Day	Key Skill
Mon	3 mins TTRS Sequences <a href="https://mathsbot.com/questionsIWB">https://mathsbot.com/questionsIWB</a> Set topic to 86. Sequences: Generating terms, No of questions to 5 – difficulty level 0 -4 but adjust if needed. If you are super-fast, challenge yourself to do more than 5 questions.
Tues	3 mins TTRS Sequences. <a href="https://mathsbot.com/questionsIWB">https://mathsbot.com/questionsIWB</a> Set topic to 87. Sequences: Geometric. No of questions to 5 – difficulty level I suggest 0-4 but adjust if needed. Can you spot the patterns?
Wed	3 mins TTRS Find the range: help at: <a href="https://www.mathsisfun.com/data/range.html">https://www.mathsisfun.com/data/range.html</a> <a href="https://mathsbot.com/questionsIWB">https://mathsbot.com/questionsIWB</a> Set topic to 101. Range, No of questions to 5 – difficulty level I suggest 0-5 but adjust if needed. Do more if you can.
Thurs	3 mins TTRS Find the mean: help at <a href="https://www.mathsisfun.com/mean.html">https://www.mathsisfun.com/mean.html</a> <a href="https://mathsbot.com/questionsIWB">https://mathsbot.com/questionsIWB</a> Set topic to 98: Statistics. No of questions to 5 – difficulty level I suggest 0-5 but adjust if needed. Challenge yourself if you can. Remember the mean is the average. Add together and divide by the number of numbers you added together eg: 3, 5, 7 added = 15 divide by 3 = 5.
Fri	3 mins TTRS Algebra <a href="https://mathsbot.com/questionsIWB">https://mathsbot.com/questionsIWB</a> Set topic to 102. Substitution. No of questions to 5 – difficulty level I suggest 0-5 but adjust if needed. Remember a letter next to a number or another letter means multiply.