

# Year 6 – Home Learning

2 week block from Monday 8<sup>th</sup> June



## Fractions



Hi Year 6,

For the next two weeks, your new maths topic is fractions. Since we haven't done fractions in class this year yet, apart from the work towards your arithmetic exam, you will need to follow the timetable to help you to complete the work. Miss Johnson has prepared a booklet explaining fractions and how to calculate with them, for you to read.

Don't forget, you can email us with any questions you have.

Have fun!

From the year 6 maths team.



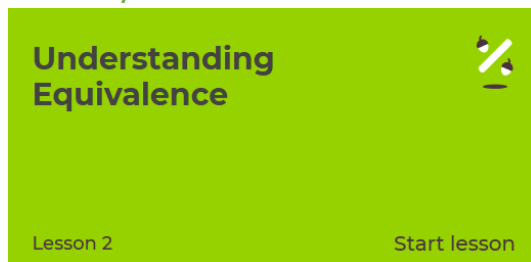
### Fractions: what you need to learn in year 6:

- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Compare and order fractions, including fractions  $> 1$ .
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example,  $1/4 \times 1/2 = 1/8$ ].
- Divide proper fractions by whole numbers [for example,  $1/3 \div 2 = 1/6$ ]
- Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example,  $3/8$ ].
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
- Solve problems involving the calculation of percentages (for example of measures and such as 15% of 360) and the use of percentages for comparison.

The work we want you to complete is:

### **Week Commencing 8<sup>th</sup> June 2020**

Monday –



Oak National Academy – Fractions Lesson 2, complete video, pause for activity and mark as you go along.

Go to: <https://classroom.thenational.academy/lessons/understanding-equivalence/>

Tuesday – White Rose Summer Term Week 3 (w/c 4<sup>th</sup> May) Lesson 1 Simplify fractions video, activity and answers

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Wednesday – White Rose Summer Term Week 3 Lesson 2 Compare and Order fractions video, activity and answers

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Thursday – White Rose Summer Term Week 3 Lesson 3 Add and Subtract fractions video, activity and answers

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Friday – White Rose Summer Term Week 3 Lesson 4 Mixed Addition and Subtraction video, activity and answers

Go to: <https://whiterosemaths.com/homelearning/year-6/>

### **Week Commencing 17<sup>th</sup> June 2020**

Monday – White Rose Summer Term Week 4 (w/c 11<sup>th</sup> May) Lesson 1 Multiply fractions by integers video

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Then complete Multiply Fractions by Integers Varied Fluency. These are like the ones we use in school, so choose the right level for you: developing, expected or greater depth

Tuesday – Multiply Fractions by Integers Problem Solving. As above you will need to choose from developing, expected or greater depth. The greater depth sheet is incorrectly labelled as expected but it is the final sheet before the answers.

Wednesday – White Rose Summer Term Week 4 (w/c 11<sup>th</sup> May) Lesson 2 Multiply fractions by fractions video

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Then complete Multiply fractions by fractions worksheets

Thursday – White Rose Summer Term Week 4 (w/c 11<sup>th</sup> May) Lesson 3 Divide fractions by integers video

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Then complete Divide Fractions worksheets

Friday – White Rose Summer Term Week 4 (w/c 11<sup>th</sup> May) Lesson 4 Fractions of an amount video

Go to: <https://whiterosemaths.com/homelearning/year-6/>

Then complete Fractions of amounts worksheet to include word problems.

We hope you enjoy your new learning!

From the Year 6 Team!

