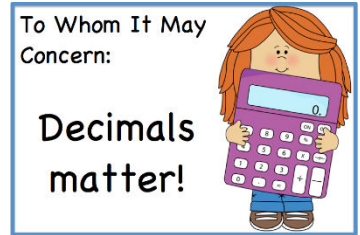


# Year 6 – Home Learning

2 week block from Monday 22nd June



## Fractions, Decimals and Percentages



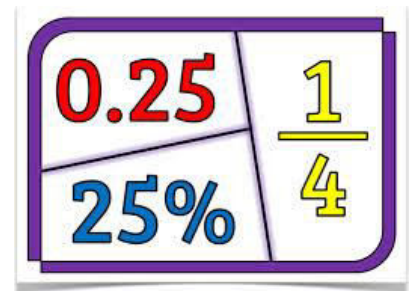
Hi Year 6,

For the next two weeks, your new maths topic is fractions, decimals and percentages. To make it easier we have again given you a timetable to follow, to help you to complete the work. You will remember that in the last unit, Miss Johnson had prepared a booklet explaining fractions and how to calculate with them, for you to read, this may still be useful. There are 2 workbooks, one for the first week and one for the second. The answers are included within them.

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

Have fun!

From Mrs Lail.



Fractions, decimals and percentages : what you need to learn in year 6:

- Multiply and divide numbers by 10, 100 and 1000 giving answers up to 3dp.
- Divide one-digit numbers with up to 2 decimal places by 1 and then 2 digit whole numbers (integers).
- Multiply and divide one-digit numbers with up to two decimal places by whole numbers (1.46 x 3)
- 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 22nd June 2020 – Week 1 Workbook**

**Monday** – White Rose Summer Term Week 5 (w/c 18<sup>th</sup> May) Lesson 1 Multiply and divide 10, 100 and 1000 video

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

Then complete Multiply and Divide by 10, 100 and 1000, lesson 1 of your booklet.

**Tuesday** – White Rose Summer Term Week 5 (w/c 18<sup>th</sup> May) Lesson 2 Multiply decimals by integers video

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

Then complete Multiply Decimals by integers, lesson 2 in your booklet.

**Wednesday** – White Rose Summer Term Week 5 (w/c 18<sup>th</sup> May) Lesson 3 Divide decimals by integers video

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

Then complete Divide decimals by integers, lesson 3 in your booklet.

**Thursday** – White Rose Summer Term Week 5 (w/c 18<sup>th</sup> May) Lesson 4 Decimals as fractions video

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

Then complete Decimals as fractions, lesson 4 in your booklet. This work will take you two sessions.

**Friday** – Continue with Decimals as fractions work, lesson 4 from your booklet.

### **Week Commencing 29<sup>th</sup> June 2020 – Week 2 Workbook**

**Monday** - White Rose Summer Term Week 6 (w/c 1<sup>st</sup> June) Lesson 1 Fractions to percentages video

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

Then complete Fractions to percentages lesson 1 of your booklet.

**Tuesday** – White Rose Summer Term Week 6 (w/c 1<sup>st</sup> June) Lesson 2 Equivalent FDP video

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

Then complete Equivalent fractions, decimals and percentages, lesson 2 of your workbook. This work will take two days.

**Wednesday** – Continue with Equivalent fractions – decimals and percentages, lesson 2 of your workbook.

Thursday - White Rose Summer Term Week 6 (w/c 1<sup>st</sup> June) Lesson 3 Order FDP video

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

Then complete Compare fractions, decimals and percentages, lesson 3 of your booklet.

Friday – White Rose Summer Term Week 6 (w/c 1<sup>st</sup> June) Lesson 4 Percentages of amounts video

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

Then complete Percentages of amounts, lesson 4 of your booklet.

We hope you enjoy your new learning!

From Mrs Lail.

