



Maths Home Learning Grid – Mrs Wainwright's Group Year 6



Week Commencing: 18.05.20 and 1.06.20 (Two-Week Cycle)

Maths- Activity 1

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

Use the following link and go to Week 4 (11th May), Lesson 1 – Multiply Fractions by Integers

Lesson 1 - Multiply fractions by integers

Multiply fractions by integers

There are 3 flowers in a vase.

If there are 4 vases, how many flowers will there be?

Maths- Activity 2

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

Use the following link and go to Week 4 (11th May), Lesson 2 – Multiply Fractions by Fractions

Lesson 2 - Multiply fractions by fractions

Multiply fractions by fractions

Sally ate $\frac{1}{2}$ of the chocolate bar.

She then ate $\frac{1}{2}$ of what is left.

As a fraction, how much of the chocolate bar is left?

Maths- Activity 3

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

Use the following link and go to Week 4 (11th May), Lesson 3 – Multiply Fractions by Integers

Lesson 3 - Divide fractions by integers

Divide fractions by integers

Maths- Activity 4

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

Use the following link and go to Week 4 (11th May), Lesson 4 – Fractions of an Amount

Lesson 4 - Fractions of an amount

Fractions of an amount

Terry gave $\frac{1}{2}$ of his sweets to Eva.

How many small fish did he get?

Maths- Activity 5

If you need to, re watch the video from lesson 1 to remind yourself how to multiply fractions by whole numbers (integers). Apply the knowledge you have learned to answer the word problems on the attached worksheet.

Multiplying Fractions by Whole Numbers Word Problems

1. James is having a picnic party. Each person at the party ate $\frac{3}{8}$ of a pizza. If 8 people attend the party, how many pizzas did James need?
2. Lucy walked $\frac{1}{6}$ of a kilometre each day for 8 days. How many kilometres did she walk in total?
3. Tina swam $\frac{1}{4}$ of a kilometre on Monday, Tuesday, Wednesday and Friday. How many kilometres did she swim in total?
4. Jack baked some trays of brownies for his 3 friends. He is going to give each of his friends $\frac{1}{4}$ of a tray. How many trays of brownies does he give away?

Maths- Activity 6

Use the following website to practise your arithmetic skills. Scroll down to the online Y5 arithmetic practice. This will include formal methods for addition, subtraction, multiplication and division and also fractions, decimals and percentages.

<https://mathsframe.co.uk/en/resources/resource/486/Y6-Arithmetic-Practice>

Use your home learning book to record your jottings when working out each questions and include the score you achieved at the end.

Times Table Focus:

Concentrate on your 12 times tables. Do you know your 12 times tables and the corresponding division facts at speed? E.g. $12 \times 7 = 84$ so $84 \div 12 = 7$

Key Skills Practice

Do you know the equivalent fractions, decimals and percentages? Use the table below to memorise them and ask someone to test you to check you know them all.

Fractions, Decimals and Percentages

