



Year 2

Remote Learning

Maths Week 8

Message

Hello Year 2,

We hope you enjoyed all the measuring you did last week. How tall was the tallest person in your family?

This week, we are going to start a 2 week unit of work on fractions. Some of you may remember that we were right in the middle of this topic when we had to close the school and didn't get to finish it! This week, we will be focussing on revising the fractions that we already looked at together and next week, we will focus on some brand new fractions learning.

By the end of this week, you'll be really confident at recognising and finding halves and quarters.

Remember you can send us any of your learning to: year2@coleridgeprimary.net. We really love seeing what you have been up to.

Take care,
Ms Creamer, Mr Heidensohn, Miss Ibbotson and Mr Ibbotson

Message for parents:

Dear parent,

Unfortunately, when school closed we were in the middle of our unit of work on fractions. We didn't want to start remote learning lessons midway through the unit as this may be confusing for both children and parents, and especially for those children who were self-isolating the week before school closed.

We have therefore decided to use this week as a revision week and next week for new learning.

For some of the White Rose questions that go with the teaching videos, the children are required to colour in or complete different shapes. If you don't have a printer you may want to draw some of the shapes out for your child to use, alternatively they can tell you what part of the shape they would shade. Where the question book refers to using counters you can just use items from around the home such as lego pieces, pasta, pens, beads etc.

Everyone's family situation and time available for home learning is different, so please feel free to tailor these lessons to suit your family. You could simply get your child to just watch the short online teaching video and skip the questions or they could do one of the activities or the whole lesson. Whatever works for you!

The Year 2 Team

Website Links

Fractions:

Help the pirate monkey find halves and quarters of shapes on the treasure island!
<https://www.turacogames.com/games/fractions-half-quarter-math-game-for-kids/>

Find halves or quarters of amounts. Play against the computer or someone else.
<http://www.counon.org/games/map-fractions/falling/>

Splat the right shape. click on 'equal or unequal parts' or 'halves, thirds and quarters' to play these games.
http://www.sheppardsoftware.com/mathgames/earlymath/fractions_shoot.htm

Calculation practice:

Learn your times tables with **TTRockstars** (use your Numbots or TTRockstars login for this)
<https://play.trockstars.com/auth/school>

Practise your number facts with **Numbots**.
<https://play.numbots.com/#/intro>

Lesson 1 - Making equal parts

Introduction: This lesson is all about being able to recognise and make equal parts.



🤔 When you have a slice of birthday cake would you prefer the cake to be cut up into different sized pieces or into equal parts? Explain your answer to a grown up or a sibling.

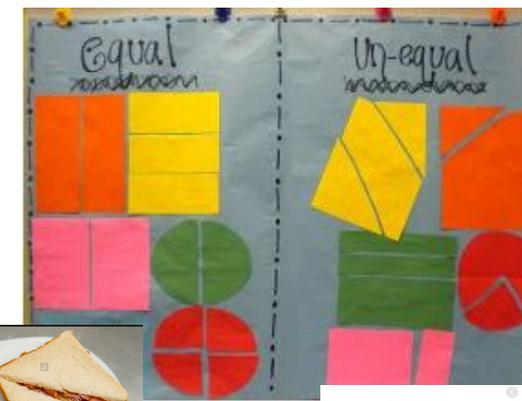
Teaching video: Please go to the White Rose online lesson here <https://whiterosemaths.com/homelearning/year-2/> scroll down the page and click on **Week 1 (not Summer Term week 1), lesson 1**. We have attached the questions that go with this for you to read or print out, if you have a printer.

Activity 1:

Watch the online lesson all about making equal parts. Use the attachment to answer the questions during the presentation and at the end. How many questions did you get right?

Activity 2:

Have a go at making an **equal and unequal parts poster** to teach someone else about what you have just learnt. You can cut up different shaped pieces of paper (coloured or plain) to show equal or unequal parts, just like the picture on your right. You could take photos of equal and unequal parts you see around your home or you might want to draw your own pictures.



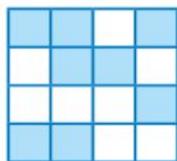
Activity 3:

Discussion

Ben and Zahra both think they have shaded equal parts of their shapes.



Ben



Zahra

Are they correct?



Lesson 2 - Recognising a half

Introduction: In this lesson you are going to be learning how to recognise a half and write half as a fraction.



Can you think of all the times you have heard the word **half** such as when your grown up asks you if you 'want your apple cut in half'. What other things might come in halves? What does 'half' actually mean? Try and explain this to someone.



Teaching video: Please go to the White Rose online lesson here <https://whiterosemaths.com/homelearning/year-2/> scroll down the page and click on **Week 1 (not Summer Term week 1), lesson 2**. We have attached the questions that go with this for you to read or print out, if you have a printer.

Activity 1:

Watch the online lesson all about recognising a half. Use the attachment to answer the questions during the presentation and at the end. How many questions did you get right?

Activity 2: Make a halves picture

1. On plain paper, draw different sized 2D shapes such as triangles, squares, circles, oblongs, pentagons, hexagons, hearts, diamonds etc.
2. Cut around all of your shapes very carefully.
3. Next, draw a line through each of your shapes to split them in half.
4. Then, cut each shape in half along the line you have just drawn.
5. Now, you are ready to make a halves picture using your cut out half shapes.
6. Finally, colour your picture to make it look beautiful!



Lesson 3- Finding a half

Introduction: Today we are going to be **finding half** of an amount.

🤔 If you had 8 grapes and you ate half, how many would you have eaten? Can you explain how you worked it out?



You write half as a fraction like this: $\frac{1}{2}$ Have a go at writing this fraction three times to really get the hang of it.

The **2** in this fraction tells us that the **whole is split into 2 equal parts?** The **1** tells us **how many parts we are focussing on.**

💬 Say this stem sentence to help you remember: **The whole has two equal parts. We are looking at 1 of these parts. This is a half.**

Teaching video: Please go to the White Rose online lesson here <https://whiterosemaths.com/homelearning/year-2/> scroll down the page and click on **Week 1 (not Summer Term week 1), lesson 3.** We have attached the questions that go with this for you to read or print out, if you have a printer.

Activity 1:

Watch the online lesson all about finding half. Use the attachment to answer the questions during the presentation and at the end. How many questions did you get right?

Activity 2: Play the 'What is the whole?' quiz.

Get a member of your family to ask you these questions and try to answer them as quickly as you can, you could even use a timer to time yourself! You may need to draw pictures to help you or you may be able to do them in your head.

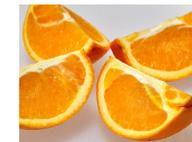
Quiz questions:

1. The half is **4**, what is the whole?
2. The half is **3**, what is the whole?
3. The half is **10**, what is the whole?
4. The half is **6**, what is the whole?
5. The half is **5**, what is the whole?
6. The half is **7**, what is the whole?
7. The half is **2**, what is the whole?
8. The half is **8**, what is the whole?

How did you work these questions out? Should you **double or halve** to find the answers?

Now have a go at answering these questions again but even quicker!

Lesson 4- Recognising a quarter



Introduction: In this lesson, you are going to be learning how to recognise a quarter and write a quarter as a fraction. Have a think of all the times you may have heard the word 'quarter'.

Look at how we write one quarter as a fraction-

$$\frac{1}{4}$$

The number below the line (denominator) is how many equal parts are in the whole and the number above the line (numerator) is the part we are focusing on.



Looking at the quarter fraction, how many equal parts are in the whole? How many parts are we going to focus on?

Teaching video: Please go to the White Rose online lesson here <https://whiterosemaths.com/homelearning/year-2/> scroll down the page and click on **Week 1 (not Summer Term week 1), lesson 4**. We have attached the questions that go with this for you to read or print out, if you have a printer.

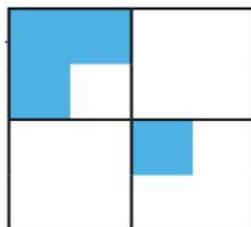
Activity 1:

Watch the online lesson all about recognising a quarter. Use the attachment to answer the questions during the presentation and at the end. How many questions did you get right?

Activity 2:

1.

Rosy and Ola are looking at this shape. Part of it is shaded.



I think $\frac{2}{4}$ are shaded.

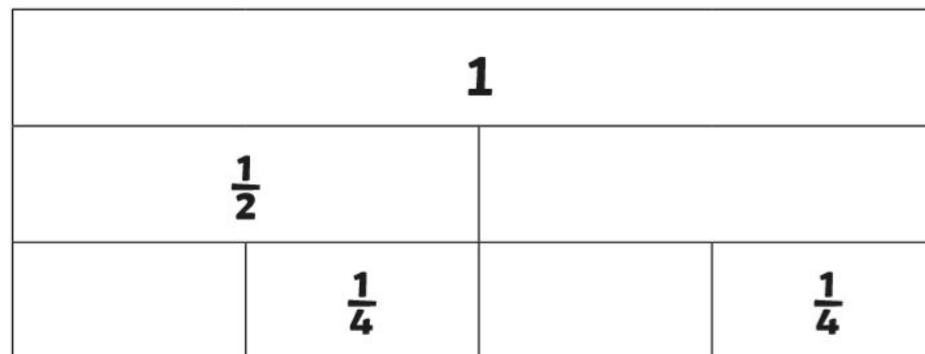
I think $\frac{1}{4}$ is shaded.

Who do you agree with?
Explain why.



2.

Complete this fraction wall:



Lesson 5 - Finding a quarter



Introduction: Today we are going to be **finding a quarter** of different amounts.



If you had an apple and you cut it into quarters, how many pieces would you have? If you ate a quarter, how many pieces would you eat? How many quarters would you have left?

You write quarter as a fraction like this: $\frac{1}{4}$ Have a go at writing this fraction three times to really get the hang of it.

4

The **4** in this fraction tells us that the **whole is split into 4 equal parts**? The **1** tells us **how many parts we are focusing on**.



Say this stem sentence to help you remember: **The whole has 4 equal parts. We are looking at 1 of these parts. This is a quarter.**

Teaching video: Please go to the White Rose online lesson here <https://whiterosemaths.com/homelearning/year-2/> scroll down the page and click on **Week 1 (not Summer Term week 1), lesson 5**. We have attached the questions that go with this for you to read or print out, if you have a printer.

Activity 1:

Watch the online lesson all about finding a quarter. Use the attachment to answer the questions during the presentation and at the end.

How many questions did you get right?

Problem solving and Reasoning

Here is a picnic that Ben and Amira are going to share equally. Can you tell us what each of them will get?

What would happen if the picnic was split between **four** children (Ben, Amira, Petros and Jenny) instead of two?

Are there other numbers of children that it would be easy to split the picnic between?



