

Gordon Primary School

Remote Learning Grid

If you require further support with this week's tasks or wish to submit remote learning work to your child's teacher, they may be contacted via the following class email address:

3A - class3a@gordonprimary.redbridge.sch.uk

3U - class3u@gordonprimary.redbridge.sch.uk

Please insert your child's full name in the subject line of the email, so that your child's teacher can easily access your message.

Please note, this email address exists only for the submission of remote learning work or to seek clarification in relation to this, during any period that your child is not able to attend school. Please do not use this email address at any other time, as your message may not be responded to.

If you wish to contact your child's teacher during regular school time, please do so via the home-school communication book, or call the school office on 0208 478 2977.

Year 3

Week Beginning 01.02.21

This Week's Spellings

New Maths This Week



Spellings

2

Objective: The /i/ sound spelt -ai at the end of words.

	A	B	C
1	final	actual	hospital
2	fatal	annual	accidental
3	metal	equal	tropical
4	medal	casual	typical
5	pedal	mammal	cereal
6	petal	sandal	cymbal
7	local	visual	political
8	loyal	material	national
9	legal	personal	individual
10	royal	general	traditional

Look

Study the word and practice spelling it out loud.

Cover

Use a piece of paper to cover your word.

Write

Write the word you covered.

Check

Check to see if you spelled your word correctly!

Include each of the words in a sentence:

g fractions of amounts

ng fractions

cognising equivalent fractions (Part 1)

gnising equivalent fractions (Part 2))

Investigation- Andy's marbles and the houses in my street

Vocabulary

fraction

equivalent

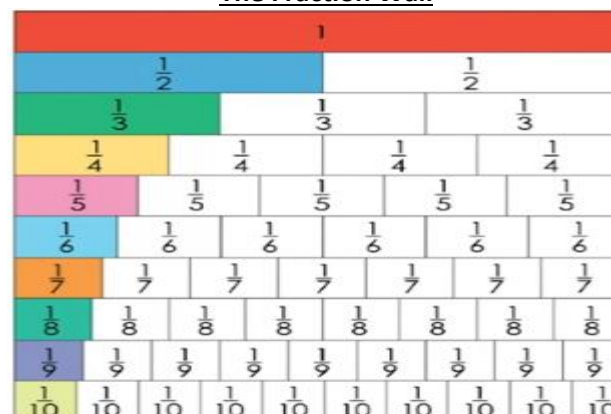
to

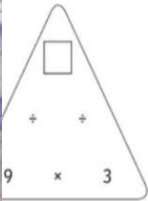
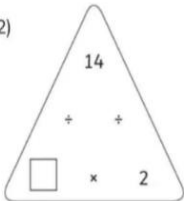
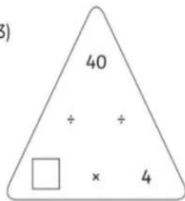
whole

quarters

halves

The Fraction Wall



Day	English	Maths	Science/Topic work
1	To gain an understanding of a character Recap: What has happened so far in the story? Tell an adult or your sibling Let's read more: Refer to the text labelled Monday and read the text  Have a think about these questions and discuss the answers with an adult. You DO NOT need to write the answers down. What is the farmer's son called? How old might he be? He was by himself at dusk. What does this tell us about him? What was he doing by the sea?	<u>LO: To find non-unit fractions of quantities.</u> In this lesson we will be finding fractions of amounts. Watch the following clip: https://classroom.thenational.academy/lessons/consolidating-finding-non-unit-fractions-of-quantities-6rwk8t?step=2&activity=video Answer the practise questions as you watch the video. Starter Can you complete the multiplication and division triangles to see the relationship and inverse between the numbers? 1)  2)  3)  $\frac{2}{3} \text{ of } 15 = \boxed{}$ Step 1: Divide the whole by the <i>denominator</i> Step 2: Multiply the part by the <i>numerator</i>	Science- Different types of soil and their characteristics. Following on from the last lesson, you should know that there are different types of soil. They have different properties and and uses. Loam Mix, mix, mix! Loam soils are a good mixture of sand, silt and clay. This soil holds on to most of its nutrients and keeps enough water to help plants get what they need. It also drains enough to avoid waterlogging. This makes loam soil an allotment's best friend when it comes to growing crops all year round!  Types of Soil Chalk As you might expect, chalk based soils contain a lot of calcium carbonate (chalk). It can be challenging to grow some plants in these types of soils as many plants prefer to grow in more acidic conditions (think vinegar!). Water drains quickly through chalk soil so plants cannot get enough moisture. 

What sort of things does he do in his spare time?
 What did he see on the skyline?
 How do you think he might have felt?
 How would you feel if you saw a huge dark figure at night?

Task: - You need to write this down

What are your first impressions of Hogarth?
 Draw a picture of Hogarth and describe him using clues from the text. E.g loves adventure

Challenge:

Think about what Hogarth does in his spare time. How is this similar or different to what you do in your spare time?

Step 1: Divide the whole by the denominator

$$15 \div 3 = \underline{5}$$

Step 2: Multiple the part by the numerator

$$5 \times 2 = \underline{10}$$

$$\frac{3}{4} \text{ of } 28 = \boxed{}$$

Step 1: Divide the whole by the denominator

Step 2: Multiple the part by the numerator

Clay

The trickiest of all to work with, clay based soils are known for being cloddy thanks to their ability to hold on to water. Of course, this in means they can become waterlogged and muddy all too easily – a gardening nuisance. On the upside, clay soils also hold on well to nutrients so fewer artificial fertilisers are needed to support crop growth.



Peat

What happens when moss, shrubs and grasses die? They form peat! Very rarely found naturally in an allotment plot, peat is generally formed near bogs and marshlands. Here plants do not fully decay, leaving the matter that's left extremely high in nutrients. Gardeners often choose to buy peat and add it to their existing soil to improve its fertility.



Activity A

Choose two different types of soil. Write a few sentences about each soil and draw a picture of it.

Activity B

Questions:

- 1) Which soil type would be the best to make plant pots?
- 2) Where is peat generally found?
- 3) Give one reason why chalk is not the best type of soil to grow plants?
- 4) Which two soils are the best to grow crops? Why?
- 5) In which countries are you likely to find sandy soils?

If $\frac{4}{6}$ of a number is 8.
What is the value of the whole?

1: Divide the fraction value by the numerator

2: Multiply the part by the denominator to make the whole

When calculating the fraction of an amount...

Step 1:
Divide the whole by the denominator



Step 2:
Multiply the part (use the answer from Step 1) by the numerator



When calculating the whole after being given a fraction value...

Step 1:
Divide the fraction value by the numerator



Step 2:
Multiply the part (using the answer from Step 1) by the denominator to make the whole



Part 1

A) Use your multiplication and division facts to work through the rules to help you calculate the value of a non-unit fraction of an amount.

- 1: Divide the whole by the denominator
2: Multiply the value of one part by the numerator

1) Find $\frac{2}{5}$ of 15 =

2) Find $\frac{3}{4}$ of 32 =

3) Calculate $\frac{7}{8}$ of 16 =

4) George has 40 pieces of lego. He gives his friend $\frac{8}{10}$ of them.

How many lego pieces did George's friend receive?



Part 2

B) Use your multiplication and division facts to work through the rules to help you calculate the whole after being given a fraction value.

- 1: Divide the fraction value by the numerator
2: Multiple one part by the denominator to find the whole

1) If I know that $\frac{3}{7}$ is 12. What is the value of the whole?

2) Sandra was given £50. This was $\frac{5}{9}$ of her brother's money.
How much money did Sandra's brother have?

Maths Resources Monday 1.2.21

Part 1

A) Use your multiplication and division facts to work through the rules to help you calculate the value of a non-unit fraction of an amount.

- 1: Divide the whole by the denominator
2: Multiple the value of one part by the numerator

1) Find $\frac{2}{5}$ of 15 =

2) Find $\frac{3}{4}$ of 32 =

3) Calculate $\frac{7}{8}$ of 16 =

4) George has 40 pieces of lego. He gives his friend $\frac{8}{10}$ of them.

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B) Use your multiplication and division facts to work through the rules to help you calculate the whole after being given a fraction value.

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1) If I know that $\frac{3}{7}$ is 12. What is the value of the whole?

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How much money did Sandra's brother have?

Chapter 2

The Return of the Iron Man

One evening a farmer's son, a boy called Hogarth, was fishing in a stream that ran down to the sea. It was growing too dark to fish, his hook kept getting caught in weeds and bushes. So he stopped fishing and came up from the stream and stood listening to the owls in the wood further up the valley, and to the sea behind him. Hush, said the seam. And again, Hush. Hush. Hush.

Suddenly he felt a strange feeling. He felt he was being watched. He felt afraid. He turned and looked up the steep field to the top of the high cliff. Behind that skyline was the sheer rocky cliff and the sea. And on that skyline, just above the edge of it, in the dusk, were two green lights. What were two green lights doing at the top of the cliff?

Then, as Hogarth watched, a huge dark figure climbed up over the cliff-top. The two lights rose into the sky. They were the giant figure's eyes. A giant black figure, taller than a house, black and towering in the twilight, with green headlamp eyes. The Iron Man! There he stood on the cliff-top, looking inland. Hogarth began to run. He ran and ran. Home. Home. The Iron Man had come back. So he got home at last and gasping for breath he told his dad. An Iron Man! An Iron Man! A giant!

To understand the events in a story

Let's read more:

Refer to text labelled **Tuesday** and read the text

Have a think about these questions and discuss the answers with an adult. You **DO NOT** need to write the answers down.

Why do you think Hogarth's father responds in the way he did?

2 Why does the first farmer not believe him but the second farmer does?

What is a tractor? Why do farmers have them?

What do you think has bitten the tractor in two? Why?

Why were they afraid?

Do you think the Iron Man is out to hurt them?

Task: You need to write this down

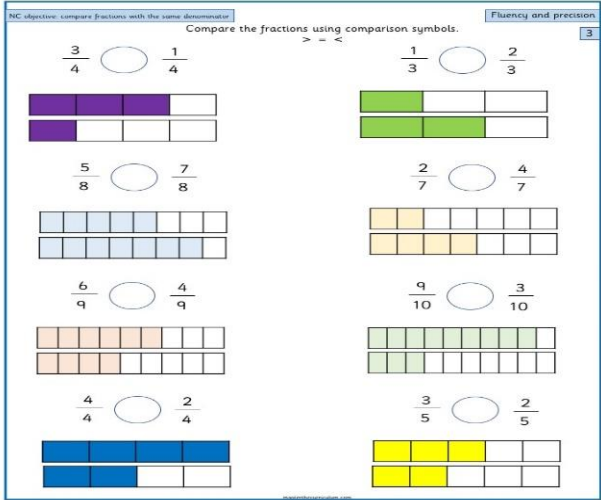
Ordering fractions

In this lesson you will be ordering fractions from the smallest to the largest. Where the denominator is the same, it is the numerator that tell us the value of the fraction.

Also be using the <, > and = sign to indicate which fractions are smaller or larger.

Eg $\frac{1}{6} < \frac{3}{6}$
 This means $\frac{1}{6}$ is smaller than $\frac{3}{6}$
 < means less than
 > means greater than
 = Equal to

Activity 1

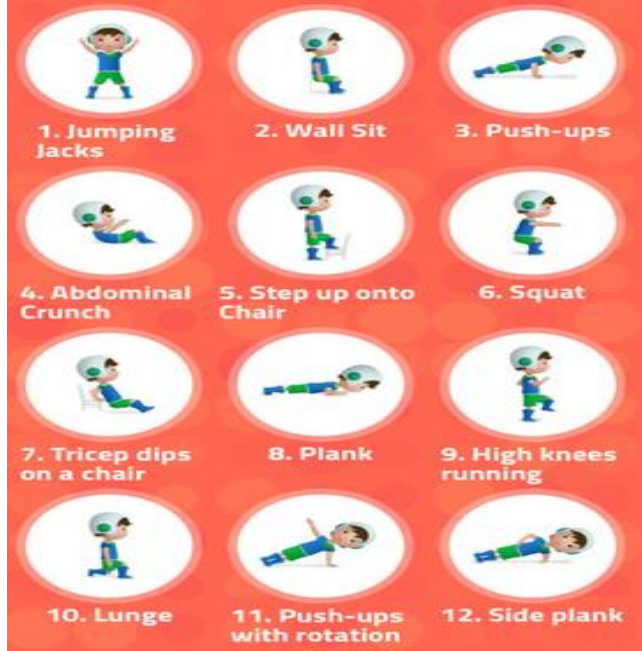


Activity 2- Complete these:

P. E

Active afternoon

You can complete any of these indoor exercises:
 Kids and Adults ball workout (you will need a ball).
<https://www.youtube.com/watch?v=E1vgPi8tYhM>
 Or
 Yoga for kids
<https://www.youtube.com/watch?v=X655B4ISakg>



Spanish

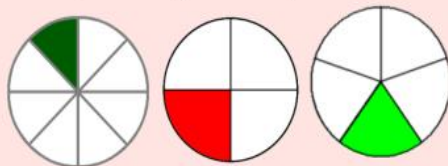
Can you write the date in Spanish?
 Example/Ejemplo: Hoy es lunes nueve de enero de 2021

Practise the numbers to 20 song in Spanish:
<https://www.youtube.com/watch?v=6FEfyf5N3Nc>

Complete the activity below:

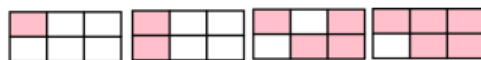
Write a list of adjectives to describe how the farmers are feeling and why.

What fraction of each shape is shaded?



Order them from smallest to largest

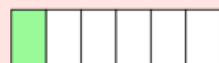
What fraction of each shape is shaded?



Order them from smallest to largest

Reasoning

Do you agree?



I think $\frac{1}{6}$ is biggest because
it has the biggest denominator

Write the Number beside the word.
Match the objects to the correct Number.

uno _____



cinco _____



ocho _____



nueve _____



cuatro _____



diez _____



tres _____



seis _____



dos _____



siete _____



Challenge:

Match the numbers

11 diecisiete 13 diecinueve once 16
calore doce 20 dieciocho
19 quince 17 veinte 15
14 trece 18 12 dieciséis

Tuesday – 02.02.21

His father frowned. His mother grew pale. His little sister began to cry. His father took down his double-barrelled gun. He believed his son. He went out. He locked the door. He got in his car. He drove to the next farm. But the farmer laughed. He was a fat, red man, with a fat, red-mouthed laugh. When he stopped laughing, his eyes were red too. An Iron Man? Nonsense, he said. So Hogarth's father got back in his car. Now it was dark and it began to rain. He drove to the next farm.

That farmer frowned. He believed. Tomorrow, he said, we must see what he is, this iron man. His feet will have left tracks in the earth. So Hogarth's father again got back into his car. But as he turned the car in the yard, he saw a strange thing in the headlamps. Half a tractor lay there, just half, chopped clean off, the other half missing. He got out of his car and the other farmer came to look too. The tractor had been bitten off – there were big teeth-marks in the steel. No explanation!

The two men looked at each other. They were puzzled and afraid. What could have bitten the tractor in two? There, in the yard, in the rain, in the night, while they had been talking inside the house. The farmer ran in and bolted the door.

To understand what motivates a character

Refer to text labelled **Wednesday** and read the text



Have a think about these questions and discuss the answers with an adult. You **DO NOT** need to write the answers down.

Why was Hogarth's father driving as fast as he could?

How do you think Hogarth's father felt when a giant iron foot came down in the middle of the road, and a giant hand reached down towards the windshield?

How do you feel when Hogarth's father drives into the Iron Man's foot?

Recognising equivalent fractions (Part 1)

<https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-1-crt36e?step=2&activity=video>

In this lesson, we will explore fractions with different denominators and numerators that are equal to each other.

Starter



What fractions can you see in this picture? Think about shape and number.

Here is the Fraction wall- what do you notice?

Religious Education- Parables

What is a parable?

A **parable** is a simple story with a moral or a story told to teach a lesson. Jesus used lots of parables to teach moral lessons to his followers. An example of a **parable** is the story about the boy who cried wolf, which is used to teach **kids** not to lie.

This is a parable that Jesus told his followers.

Watch the animation:

<https://www.bbc.co.uk/bitesize/clips/z4vcd2p>

The story of the Good Samaritan, as told by Jesus in one of the gospels of the New Testament.

A traveller is beaten up and robbed, and left for dead along the road. A priest comes by, but deliberately avoids the man. A lawyer also comes by, but he too avoids the injured. Finally, a Samaritan comes by and he helps the injured man, in an act of mercy and compassion.

What message does the parable give?

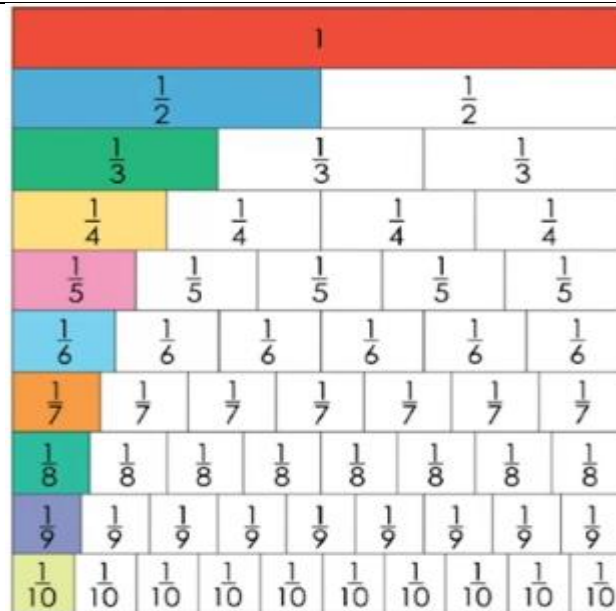
Activity A

Task:

Was this the right thing to do? Justify your answer.

Challenge:

How do you think Hogarth's father feels about what he did? Why do the farmers feel that the Iron Man is going to do them harm?



Star word - equivalent

Same, equal, identical, match

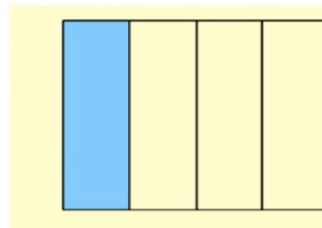
Let's Learn...

What do these represent?



How do you know?

How can you check?



Good Samaritan

³⁰"A man was going down from Jerusalem to Jericho, when he fell into the hands of They stripped him of his clothes, beat him and went away, leaving him half dead. ³¹A priest happened to be going down the same road, and when he saw the man, he by on the other side. ³²So too, did a (a member of the same tribe), when he came to the place and saw him, passed by on the other side. ³³But a Samaritan (from a different tribe), as he travelled, came where the man was; and when he saw him, he took on him. ³⁴He went to him and his wounds, pouring on oil and wine. Then he put the man on his own donkey, took him to an inn and took of him. ³⁵The next day he took out two silver coins^[a] and gave them to the innkeeper. 'Look after him,' he said, 'and when I return, I will you for any extra expense you may have.'

³⁶"Which of these three do you think was a to the man who fell into the hands of robbers?"

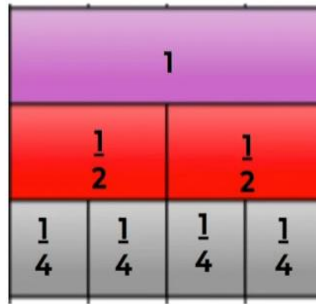
Robbers	Levite	bandaged	neighbour
Passed	care	pity	reimburse



Activity B:

Complete a story board for the parable of the Good Samaritan. Like the one in the resources section below (See R.E resources):

1 whole



2 halves

4 quarters

Equivalent

Your turn...

Halves and quarters



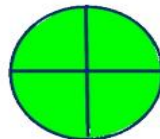
I know that ____ blue bars = ____ yellow bars



Part 1

Match each fraction with its equivalent

Can you draw your own examples of equivalent fractions?

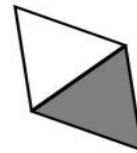


$\frac{2}{4}$

$\frac{1}{4}$



$\frac{1}{1}$



Part 2

A) Find 2 equivalent fractions below and draw them

$\frac{1}{2}$

$\frac{3}{4}$

$\frac{1}{1}$

$\frac{2}{4}$

$\frac{4}{4}$



B) Would you rather have $\frac{1}{2}$ or $\frac{1}{4}$ of a pizza? Why?

C) Complete the boxes to show equivalent fractions (Think of as many ways as you can of representing these fractions)

$\frac{1}{2}$

=

$\frac{2}{4}$

$\frac{4}{4}$

=

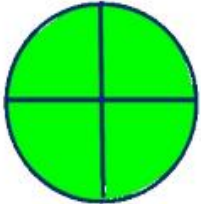
$\frac{2}{?}$



Part 1

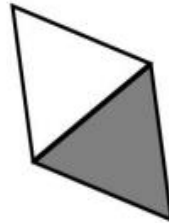
Match each fraction with its equivalent

Can you draw your own examples of equivalent fractions?



$$\frac{2}{4}$$

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



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

Part 2

A) Find 2 equivalent fractions below and draw them

$$\frac{1}{2}$$

$$\frac{3}{4}$$

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

$$\frac{2}{4}$$

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



B) Would you rather have $\frac{1}{2}$ or $\frac{1}{4}$ of a pizza? Why?

C) Complete the boxes to show equivalent fractions (Think of as many ways as you can of representing these fractions)

$$\frac{1}{2} = \frac{?}{4}$$

$$\frac{4}{4} = \frac{2}{?}$$



Wednesday – 03.02.21

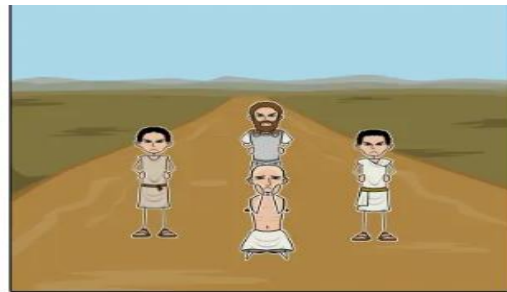
Hogarth's father jumped into his car and drove off into the night and the rain as fast as he could, homeward. The rain poured down. Hogarth's father drove hard. The headlights lit up the road and bushes. Suddenly – two headlamps in a tall treetop at the roadside ahead. Headlamps in a treetop? How? Hogarth's father slowed, peering up to see what the lights might be, up there in the treetop.

As he slowed, a giant iron foot came down in the middle of the road, a foot as big as a single bed. And the headlamps came down closer. And a giant hand reached down towards the windshield. The Iron Man! Hogarth's father put on speed, he aimed his car at the foot. Crash! He knocked the foot out of the way. He drove on, faster and faster. And behind him, on the road, a clanging clattering boom went up, as if an iron skyscraper had collapsed. The iron giant, with his foot knocked from under him, had toppled over. And so Hogarth's father got home safely.

R.E Resources- The story of the Good Samaritan



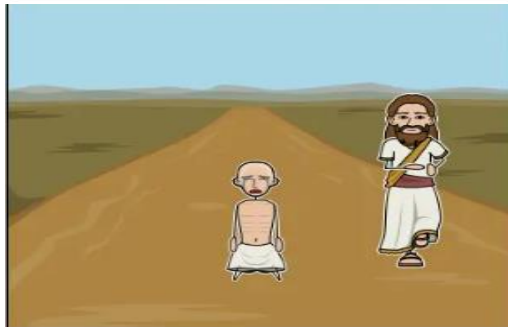
A man was walking on the road from Jerusalem to Jericho.



When he fell under the hands of robbers. They stripped him, beat him half to death and left him on the side of the road.



A priest happened to be walking by. But when he saw the man he past on the other side of the road.



So to a Levite happened to be walking by. But when he saw the man he past on the other side.



But a Samaritan, seeing the man took pity on him. He placed him on his own beast and took him to an inn and took care of him.



Once Jesus had finished his parable he asked "Who is the one you think was the neighbour to the man who fell to the hands of robbers?"

To learn the spelling and meaning of words

Refer to the words in the spelling grid above.

Learn the spellings of these words. Check the meaning of any unfamiliar words and write sentences using these words.

Challenge yourself using a variety of sentence starters.

Fractions: Recognising equivalent fractions (Part 2)

In this lesson, we will continue to explore fractions with different denominators and numerators that are equal to each other, focusing on thirds and sixths.

Watch the video and complete the activities.

<https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-2-ccr38c?step=2&activity=video>

Let's recap...



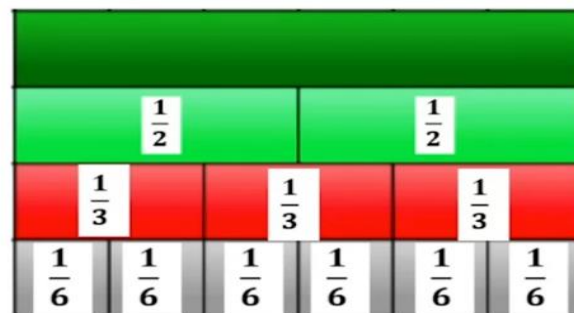
In yesterday's lesson
we learnt

1 whole = 2 halves



1 whole = 4 quarters

Your turn...



2 grey parts = ? red
4 grey parts = ? red
? grey parts = 3 red

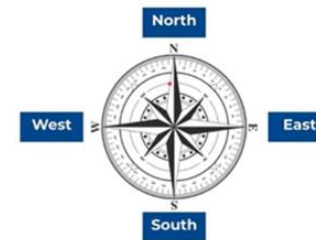
Geography: To recognise and use the points of a compass to give directions

What is a compass?

A **compass** is a tool which helps navigate, using all points of direction. There are four main (cardinal) points of the compass - **north**, **east**, **south** and **west**.

Don't worry if you are finding it tricky to remember, you can always use the mnemonic:

Never
Eat
Shredded
Wheat



Let's watch this video to learn more:

<https://classroom.thenational.academy/lessons/how-do-i-describe-where-things-are-in-my-settlement-71jket>

Task

Refer to the attached grid at the bottom of the document labelled Thursday and answer the questions.

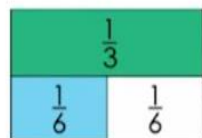
Challenge:

Think of your house as a starting point. Draw or write what is to the north, east, south and west of it.



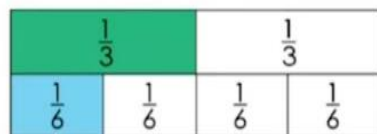
$$1 = \frac{3}{3}$$

One whole is equal to ____ thirds.



$$\frac{2}{6} = \frac{\square}{\square}$$

Two sixths is equal to ____ third.



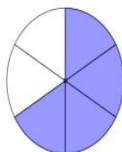
$$\frac{2}{3} = \frac{\square}{\square}$$

Part 1

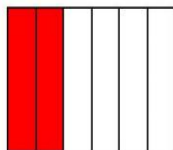
Match each fraction with its equivalent

Can you draw other examples of equivalent fractions?

$$\frac{3}{3}$$



$$\frac{1}{3}$$



$$\frac{6}{6}$$



Part 2

- A) Find 2 equivalent fractions below and think of different ways of representing them with pictures or objects.

$$\frac{4}{6} \quad \frac{3}{3} \quad \frac{2}{6} \quad \frac{2}{3} \quad \frac{1}{3}$$



- B) Would you rather have $\frac{1}{6}$ or $\frac{1}{3}$ of a pizza? Why?

- C) Complete the boxes to show equivalent fractions

$$\frac{2}{3} = \frac{4}{\quad}$$

$$\frac{6}{6} = \frac{\quad}{3}$$

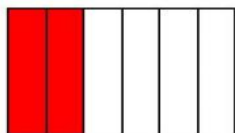
Use your fraction walls or diagrams to help you!



Part 1

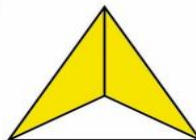
Match each fraction with its equivalent
Can you draw other examples of equivalent fractions?

$$\frac{3}{3}$$



$$\frac{6}{6}$$

$$\frac{1}{3}$$



Part 2

A) Find 2 equivalent fractions below and think of different ways of representing them with pictures or objects.

$$\frac{4}{6}$$

$$\frac{3}{3}$$

$$\frac{2}{6}$$

$$\frac{2}{3}$$

$$\frac{1}{3}$$

B) Would you rather have $\frac{1}{6}$ or $\frac{1}{3}$ of a pizza? Why?



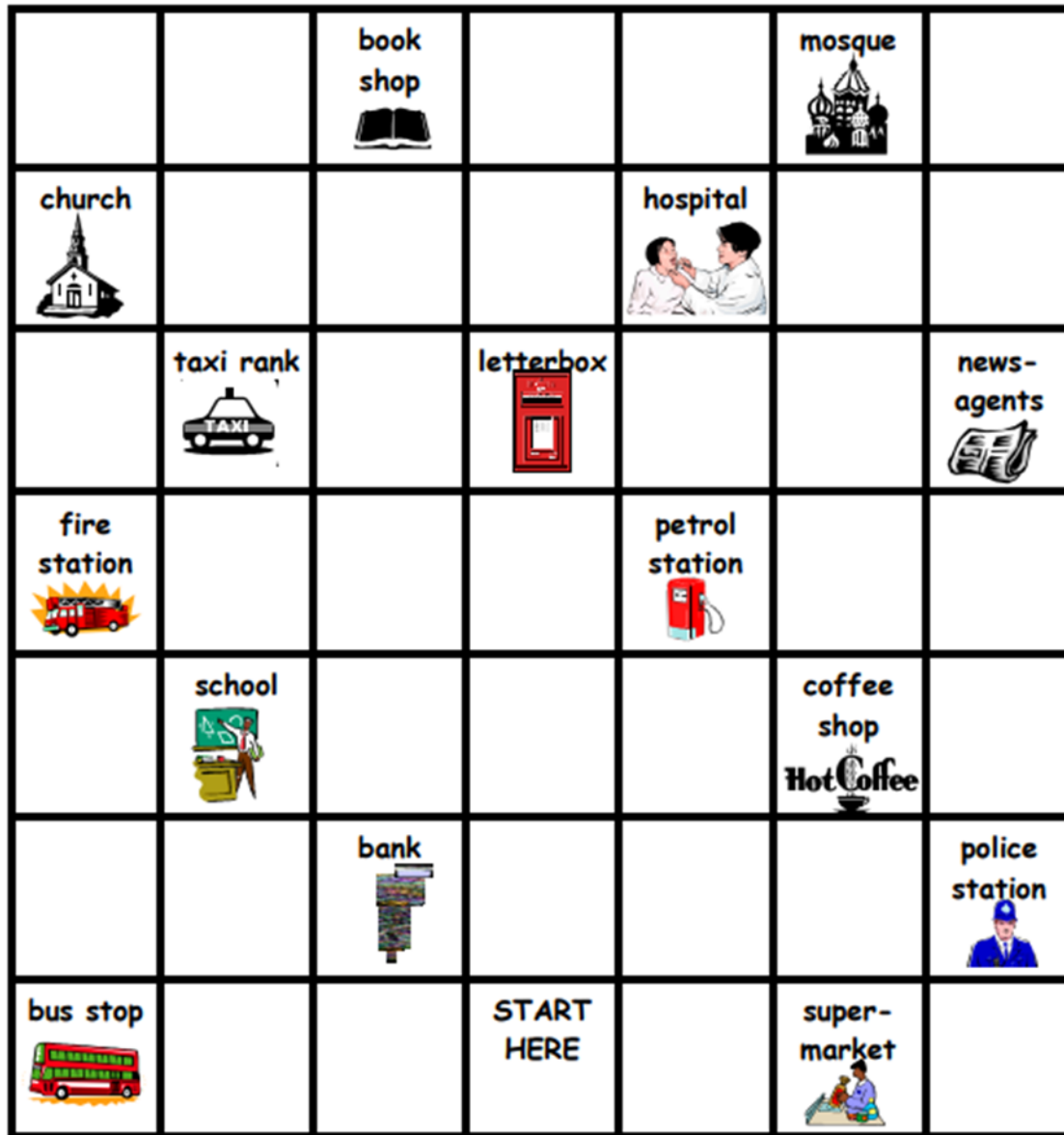
C) Complete the boxes to show equivalent fractions

$$\frac{2}{3} = \frac{4}{6}$$

$$\frac{6}{6} = \frac{3}{3}$$

Use your fraction walls or diagrams to help you!





Compass Directions: The Town

1. From the start, go NORTH 4 squares. Where are you now?
2. Go 3 squares to the EAST. Where are you now?
3. Go 3 squares to the SOUTH. Where are you now?
4. Go 4 squares to the WEST. Where are you now?
5. Go 5 squares NORTH. Where are you now?
6. Go 3 squares SOUTH and then 2 squares WEST. Where are you?
7. Go 3 squares SOUTH. Where are you?
8. Go 4 squares EAST, 2 squares NORTH then 3 squares WEST. Where are you?



Free-write Friday



Look at the picture above. What can you see? What comes to mind? Write a story or a poem around the picture. Remember, there is no right or wrong answer. This is your time to get creative and express your ideas as an author.

Here are some questions to think about:

Friday- Investigation

Choose A or B

Activity A

Here is a picture of nine of the houses in my street:



Find as many different ways to sort them into groups as you can.
Include knowledge of fractions in your answer.

Remember:

- 1) Read and understand (discuss in your home language, if you want to).
- 2) Underline/highlight key information
- 3) Work systematically- draw diagrams/tables if you need to.
- 4) Solve and check your answer.

Activity B

Andy and his friend Sam were walking along the road together.
Andy had a big bag of marbles.

Art: To make an observational drawing of fruits and vegetables

Observational drawing is **drawing** what you see. It's as simple as that. It can be a flower, a person, a still life, a landscape, whatever. But it's **drawing** what you see in front of you as realistically and as true to life as possible.

Watch this video to give you more tips.

<https://www.youtube.com/watch?v=9lwB2IA5G-o>

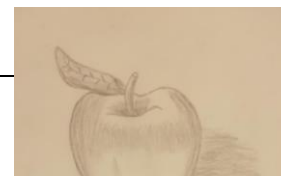
Task:

Make an observational drawing of any fruit or vegetable that you might have at home. This could be an apple, banana or even a tomato! Remember to ask an adult for permission.

Tips of what to do when you start:

- Sketch the overall form loosely as large as possible, then go in and draw the main shapes.
- Look back and forth from the object to your book, as you translate what you see to what you are drawing.
- Once you have the big picture outlines of your fruit/vegetable in your book, you can look in more detail and draw the shading, tone, texture and colours how you see them.
- For example, if you were drawing an apple, you would start by sketching the rough outline of its shape. Then, you would go on to add the details of what you can see such as the stalk using shading, tone, texture etc.

Here are some examples to help you:



Why have the children got a dragon?

What do you think the children will try and train their dragon to do?

Can you think of any strategies that the children might use to train their dragon?

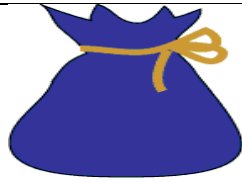
Where do the children live?

Can you think of a good name for their kingdom?

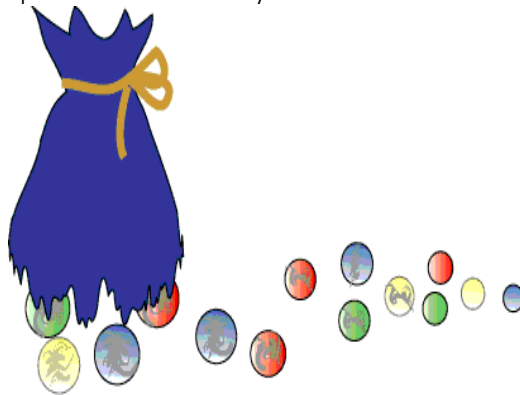
Can you think of names for the children?

What is the boy feeding the dragon?

What do you think the girl is carrying?



Unfortunately, the bottom of the bag split and all the marbles spilled out. Poor Andy!



One third (13) of the marbles rolled down the slope too quickly for Andy to pick them up. One sixth (16) of all the marbles disappeared into the rain-water drain.

Andy and Sam picked up all they could but half (12) of the marbles that remained nearby were picked up by other children who ran off with them.

Andy counted all the marbles he and Sam had rescued. He gave one third (13) of these to Sam for helping him pick them up. Andy put his remaining marbles into his pocket. There were 14 of them.

How many marbles were there in Andy's bag before the bottom split?

What fraction of the total number that had been in the bag had he lost or given away?



	Story starter! The King had known that the gift he presented to his children on their 5th birthday was dangerous. He was prepared to take the risk of letting them own a pet dragon, however. One day, the twins would rule the kingdom together, and they would need all the help they could get. No-one could deny that a dragon was a powerful ally! Before that day, though, the children had much work to do. They had to train their dragon!		