

Year 6 Remote Learning – Week 3 Beginning 23rd November 2020

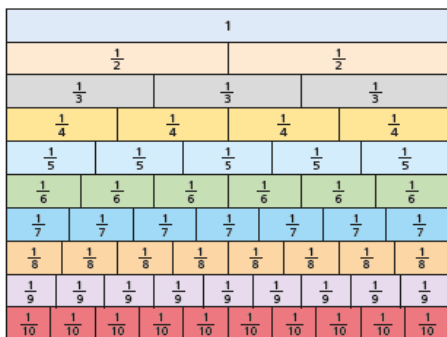
Please make sure you are reading every day and practising times tables. You can use TT Rockstars and your log-in details are in your Reading Record. You can record what you are reading in your Reading Record. You can also practise spelling and handwriting using the vocabulary from the Topic timetable below.

Maths
 For short teaching videos relating to each daily topic, please go to <https://resources.whiterosemaths.com/resources/year-6/autumn-block-2-four-operations/> and find the relevant video. We have not included the worksheets that are referred to in the videos, but the questions below relate to the learning in the videos.

Monday

Simplify fractions

A good starting place is to watch the video by clicking on the link <https://www.youtube.com/watch?v=eLLz586BiS0> Then complete the fluency questions below.



a) Use a fraction wall to explain why $\frac{7}{10}$ does not simplify.

b) Find three more fractions on the fraction wall that cannot be simplified.

Write 3 fractions that simplify to $\frac{3}{5}$

Teddy and Dora are both simplifying $\frac{30}{42}$

Teddy

$$\frac{30}{42} = \frac{15}{21} = \frac{5}{7}$$

Dora

$$\frac{30}{42} = \frac{5}{7}$$

a) How do you think Dora was able to simplify the fraction in one step?

Mo, Eva and Ron are trying to simplify $\frac{5}{20}$



Mo

I can't simplify this because one number is odd and the other is even.



Ron

I can simplify any fraction.



Eva

I can't simplify this because only one number can be halved.

Do you fully agree, partly agree or completely disagree with each person?

a) Draw lines on the bar model to show that $\frac{9}{12}$ is equal to $\frac{3}{4}$

b) Complete each bar model and calculation.

= $\frac{3}{9}$

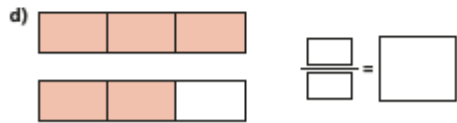
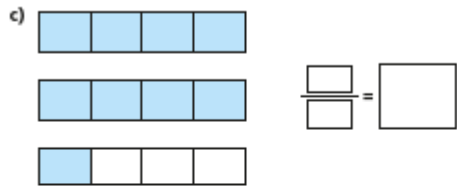
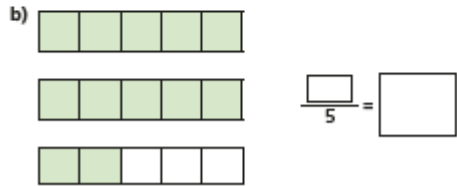
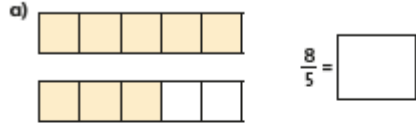
= $\frac{5}{15}$

Tuesday

Convert improper fractions to mixed numbers

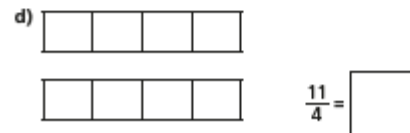
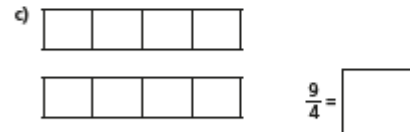
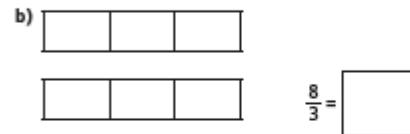
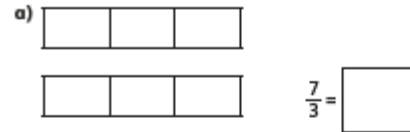
Before attempting the activities watch the video to help you understand what to do. Click on the link <https://vimeo.com/467394996>

Convert the improper fractions to mixed numbers.



Shade the bar models to represent each improper fraction.

Convert the improper fractions to mixed numbers.



Wednesday

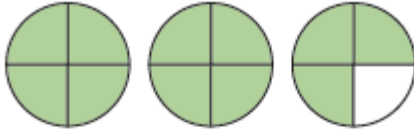
Convert mixed numbers into improper fractions

Before attempting the activities watch the video to help you understand what to do. Click on the link

<https://vimeo.com/468942374>

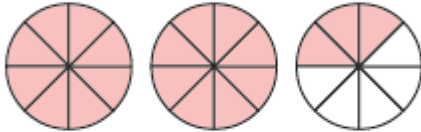
1 Convert the mixed numbers to improper fractions.

a)



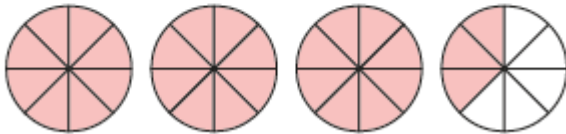
$$2\frac{3}{4} = \frac{\square}{4}$$

b)



$$2\frac{3}{8} = \frac{\square}{8}$$

c)

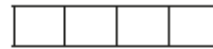
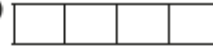


$$3\frac{3}{8} = \frac{\square}{8}$$

2 Convert the mixed numbers to improper fractions.

Colour the bar models to help you.

a)



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

b)



$$2\frac{1}{3} = \square$$

c)



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

d)



$$3\frac{2}{5} = \square$$

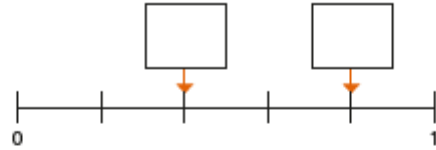
Thursday

Find fractions on a number line

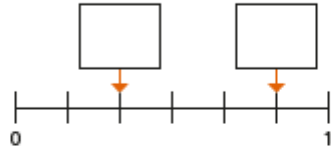
Before attempting this activity, click on the link to watch the teaching video <https://vimeo.com/468943588>

1 Fill in the boxes to label the fractions on the number line.

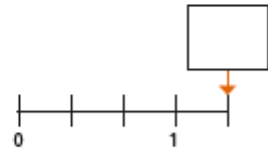
a)



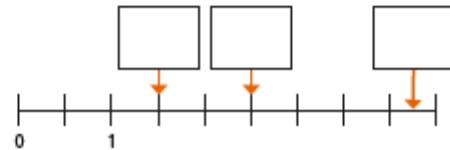
b)



c)

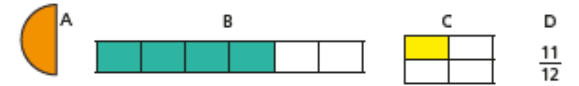
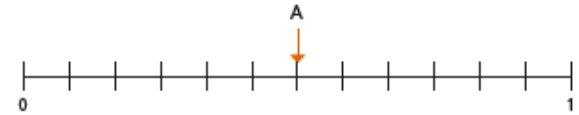


d)



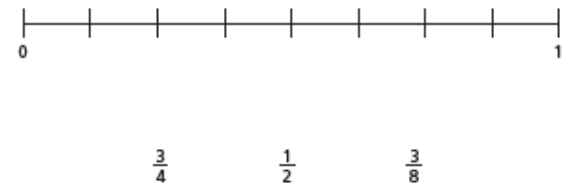
2 Label the number line with the representations.

The first one has been done for you.



3 Label the number line with the fractions.

Explain your method.



Friday

Y6 Arithmetic Paper I

English – this week we are writing a poem about an animal that you have created.

Monday



Winter Guests
(Elsie S. Lindgren)



Appearance:

Movement:

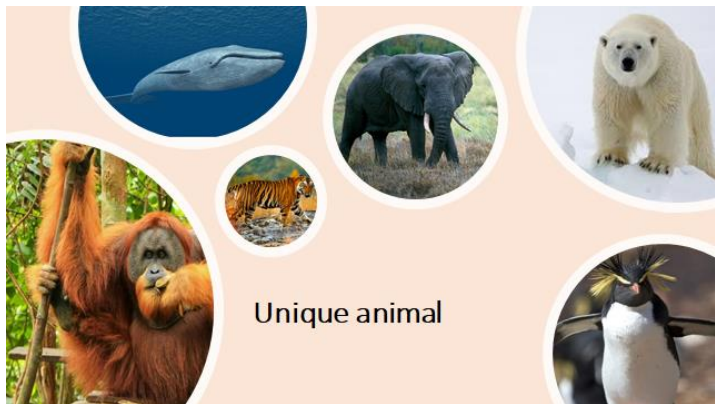
Hurrah! for the bravest birds of all!
They did not fly away last fall.
They do not mind the ice and snow,
but sing a song when North winds blow.
Fire-red Cardinal; Junco gray;
The Chickadee in a white vest -
I love these winter birds the best.

Oh, peanut butter on crumbs of cake
and treats of suet balls I make,
and seeds of sunflowers by the score
I heap on their feeders outside my door
to bid them welcome, everyone,
And keep them strong for the winter fun.
Few winter guests are as bright as these -
Cardinals, Bluejays, and Chickadees.

Personality:

My opinion:

Tuesday



Unique animal

Create your own unique endangered animal – it could have the head of a polar bear, the body of an Emperor Penguin and the tail of a Bengal Tiger.

Once you have created your animal – you need to create descriptive language to describe what it looks like, how it moves, what is its personality? Use metaphors, similes and personification.

Wednesday

Now start writing your poem – use the word bank that you have created to get you started. Think about poetry and try to create a rhythm with your poetry. Use verses and decide how many lines go in each verse. Use long and short lines to create the rhythm and copy it in each verse.

Thursday

Edit and Improve the vocabulary in your poem.

Friday

Spelling frame – focus on the year 5 and 6 word list

Topic

Monday

RE

- Write 3 rules which both you and a humanist would agree on
- Write a sentence for each one that explains why it is important

Do not kill
This is important because we need to be able to trust other people not to harm us and we should respect people's right to life.

Extension:
How would world politics be different if world leaders believed in the principles of Humanism?

Understanding humanism. Click on the link to read about this religion.
<https://www.reonline.org/subject-knowledge/humanism/>

Tuesday

Science

Watch

<https://www.youtube.com/watch?v=7KorVGS8stk>

Watch and quiz

<https://www.bbc.com/bitesize/articles/zxg7y4j>

What is adaptation?

- Living creatures (animals and plants) adapt or evolve to survive in their environment and to live amongst a specific group of other living things.
- Every animal or plant on Earth has adaptations, or specific characteristics, that help it stay alive in its habitat. Examples of adaptations are fur, feather and fat (to help animals keep warm in cold habitats), long legs (to help animals escape from their predators) or camouflage (to help animals hide from their predators).



What is a habitat?

A *habitat* is a place that an animal lives. It provides the animal with food, water and shelter. ... Different habitats are home to different animals. They live well together because they all do things to help keep the whole habitat healthy and in balance.



Wednesday

Geography –

Consider what is the difference between climate and weather – watch this video clip.

<https://www.bing.com/videos/search?q=what+is+climate&&view=detail&mid=0884E5E283760AF8B57D0884E5E283760AF8B57D&&FORM=VRD GAR&ru=%2Fvideos%2Fsearch%3Fq%3Dwhat%2Bis%2Bclimate%26FORM%3DHDRSC3>

Find out about the climate in the Galapagos Islands and write a short paragraph explaining why and how it is different to the UK.

Thursday	PE – Complete a Joe Wicks workout https://www.youtube.com/watch?v=JCfUrMyxBJQ
Friday	ART – look at Henri Rousseau art – try to create a picture using his style of painting.