

Hello year fives! We hope that you are having a good week and enjoying your learning.

English

Reading



Read through the information about the Viking kings who ruled the land. When you have finished, have a go at answering the comprehension questions about the kings.

Please keep going with your own personal reading and those on Lexia.

Spelling



Personally, I would complete your spelling task before your reading task today.

Look up these spelling definitions and learn to spell these words. They will be very useful to you, especially for our Viking topic.

established resistance credited treaty
surrendered converted arrangement allies

English task



Imaginary Worlds - Now it's time for you to write your final paragraphs. Here are some questions to answer as you write: **How are they going to make it home again?** Is there danger between them and the doorway? Can they find the doorway? **What happens when they get back home?** Do they go through alone or are they followed? Do they bring back anything? Has anyone missed them in the real world? **How long were they gone?** Maybe time moved differently in the new world. **Do they plan to return? Has it changed the children at all?** For instance, has it made them closer or more confident maybe. Make sure you look over your plan and read your back work so far. I can't wait for your story to be complete, it has been a journey. You know your world and your characters, and this should be reflected in your writing. Enjoy the satisfaction and that feeling of accomplishment by persevering with something and successfully finishing it.

Maths

Mental maths



$5^2 \times 2 = ?$

$12.9 + 3.1 = ?$

Which of these numbers are factors of 50? 1, 2, 4, 5, 9, 10, 15, 25?

$210 \div 10 = ?$

Equivalent fraction for 0.25? 0.4? 0.75?

*We have been thinking about fractions for the last few weeks.

We have repeated the fractions quiz on Sumdog to let you have another go at answering these questions. There are 20 questions and you have 40 minutes to work through the answers. Use the number lines, diagrams and pictures to help you work out the correct answer and select it from those options available.

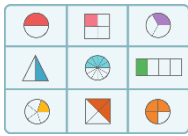
*You might like to have a go at these fraction problems using the video (two problems on here). The first problem involves comparing fractions to solve a problem and the second problem involves using mixed numbers using

trial and error.

<https://www.bbc.co.uk/bitesize/articles/z76qmfr>

Don't forget to use the **Adding and Subtracting fractions** sheets in your pack plus the **Multiplying with fractions** sheet to jog your memory of what we have already learnt.

Maths task



So far this week we have been looking back at multiplying fractions and hopefully you feel happy with that.

We will now move on to looking at Fractions of amounts. Click on the link:

<https://whiterosemaths.com/homelearning/year-5/>

Scroll down to week 6 (w/c 1st June) and lesson 3. Watch the video and have a go at the worksheet. The answers to the worksheet are included at the bottom of this home learning sheet. There is a screenshot of the worksheet for you here.

Remember to find a fraction of an amount. Divide the amount by the fraction's denominator and then multiply this by the fraction's numerator e.g. $\frac{3}{4}$ of 20.

$20 \text{ (amount)} \div 4 \text{ (denominator)} = 5.$

$5 \times 3 \text{ (numerator)} = 15. \text{ So } \frac{3}{4} \text{ of } 20 = 15.$

These are the answers to last week's challenges:

Answers

Challenge 1 - 8 people

Challenge 2 - 18 pence

Challenge 3 - The blue square is equal to 20

Challenge 4 - 98 cm

Challenge 5 - 0.4 kg

Fractions of an amount

1 Annie and Mo are finding fractions of amounts.

a) Annie is trying to find $\frac{1}{5}$ of 45
She draws this bar model.

How does the bar model represent the calculation?
What is $\frac{1}{5}$ of 45?

b) Mo is trying to find $\frac{3}{5}$ of 45

How does the bar model represent the calculation?
What is $\frac{3}{5}$ of 45?

c) What is the same and what is different about Mo and Annie's questions?

2 Complete the calculations.

a) $\frac{1}{3}$ of 27 = b) $\frac{1}{3}$ of 72 = c) $\frac{1}{3}$ of 90 =

$\frac{2}{3}$ of 27 = $\frac{1}{6}$ of 72 = $\frac{2}{6}$ of 90 =

$\frac{3}{3}$ of 27 = $\frac{1}{12}$ of 72 = $\frac{3}{9}$ of 90 =

What patterns do you notice?

3 Match the calculations to the correct amounts.

$\frac{5}{8}$ of 48	32
$\frac{2}{3}$ of 48	40
$\frac{5}{6}$ of 48	30
$\frac{3}{4}$ of 48	36

4 Write <, > or = to compare the calculations.

a) $\frac{5}{7}$ of 56 $\frac{5}{8}$ of 56 c) $\frac{2}{3}$ of 63 $\frac{5}{8}$ of 64

b) $\frac{4}{7}$ of 56 $\frac{5}{8}$ of 56 d) $\frac{7}{10}$ of 350 $\frac{5}{7}$ of 350

5 165 children and adults go on a school trip. Two thirds of the people are children.

a) How many adults are on the school trip?

b) $\frac{3}{5}$ of the children are boys.
How many boys are on the school trip?

c) $\frac{7}{10}$ of the children have an apple for lunch.
How many children do not have an apple for lunch?

6 Tick the odd one out.

$\frac{3}{4}$ of 80	$\frac{3}{8}$ of 160	$\frac{2}{3}$ of 90	$\frac{3}{4}$ of 100
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Explain your choice.

7 320 people were asked about their favourite flavour of ice cream. Here is a pictogram showing the results.

vanilla	
strawberry	
chocolate	
mint choc chip	

a) How many people chose mint choc chip?

b) How many more people chose vanilla than chocolate?

Maybe you would like to have a go at some challenges?

Challenge 1

This is half of Lee's strawberries.



How many strawberries does Lee have?

Challenge 2

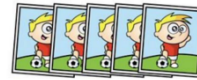
Tim buys a lolly and a chew.



The lolly costs 12p more than the chew.
The total cost of the two items is 82p.
How much does the lolly cost?

Challenge 3

Stickers come in packs of 5.
Max buys 12 packs.



He gave his three friends some stickers.
They each receive the same number.
He has 27 stickers left.
How many stickers did Max give each of his friends?

Challenge 4

Here are 3 containers.



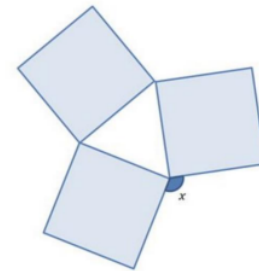
- The jug can hold 1500 ml.
- The bucket can hold 2 litres.
- The barrel can hold 15 litres.

Anisa wants to fill the barrel with water.

Find 2 ways that Anisa can fill the barrel using the jug and bucket.

Challenge 5

Three identical squares are arranged to make this pattern.



What is the size of the angle marked x?

For challenge 5, think about the angles in a square and what the angles in an equilateral triangle add up to. That will help you find angle x.

Answers next week!

Other

Subject 1: Science



As we are looking at animals and their habitats, we will get outdoors for this week's work.

In your garden/local park/outdoor space, listen to the birds. What can you hear? Wild birds are all around at the moment, searching for food to feed their babies. Keep a list of all the birds you can see for a short period of time (maybe ten minutes). Do you know the names of the birds? Do any of the same type of bird return? If you are in your garden, can you put out some food for the birds? Look for signs of nests in your garden. What beautiful sounds and songs can you hear?

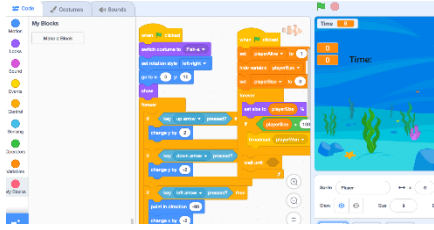
In January the RSPB ran their annual garden bird watch survey. These were the top ten most commonly spotted birds. How many of these can you spot?

House sparrow, starling, blue tit, wood pigeon, black bird, gold finch, great tit, robin, long tailed tit and magpie.

Not sure what the bird is? Have a go at using the RSPB's bird identifier to help you:

<https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/identify-a-bird/>

Subject 2: Computing



This week you will input your maze design, including learning how to program your sprites. Watch both videos and follow the teacher's instructions.

<https://www.youtube.com/watch?v=7409Nu5GEcc> Maze Design 3:04 Lesson 5

<https://www.youtube.com/watch?v=ECLGwK5O48k> Coding Movement 7:26 Lesson 6

We are hoping to have a google meet next week and ask you to present your work so far. Don't worry at this point, all will be explained next week how this works.

PE

Virtual Sussex School Games.

Look at your **Boccia** challenges (see Google classroom to check what they involve and watch the videos). Practise again later in the week to get your best score. **Remember to submit your score before midday on Friday.** <https://www.activesussex.org/virtual/>

Answers to the maths sheet (fractions of an amount) from above:

1a) 9 1b) 27 Both same denominators, A = finding unit fraction, smaller fraction, M = non-unit fraction, larger amount 2a) (working down) 9, 18, 27 2b) 24, 12, 6 2c) 30, 30, 30 3) $\frac{5}{8}$ Of 48 = 30, $\frac{2}{3}$ of 48 = 32, $\frac{5}{6}$ Of 48 = 40, $\frac{3}{4}$ Of 48 = 36. 4a) > 4b) < 4c) > 4d) < 5a) 55 5b) 66 5c) 33 6) various answers here 7a) 112 7b) 32

Why not have a look at Google Classroom?



Keep up with your posting, everyone wants to see what fantastic work you are doing at home. Keep checking Google Classroom and your emails for updates and information.

Your next learning will be on **Monday 22nd June**. Have a great weekend everyone. x