



HOME LEARNING

YEAR 5

4/05/2020

Morning Message

Goedemorgen Year 5,

We hope you had a great weekend and are ready for a new week of exciting learning. Today you have a new picture to support writing a persuasive letter. We know how well you did in writing letters to Gavin Williamson before schools shut so we expect to be persuaded! In Maths this week, you'll be continuing to look at decimals and using your knowledge of fractions to help you.

Answer to Friday's riddle:

Your legs

Today's riddle:

How many letters are there in the English alphabet?

Happy Monday,

Mr McCann and Ms Gayer

p.s please make sure you are checking Mathletics and Purple Mash for work being set.

Today's Picture



Writing

In the week leading up to school closing, we know you all worked so hard on writing persuasive letters to Gavin Williamson arguing that poetry should not be removed from the National Curriculum and we were blown away by your persuading skills.

Today we want you to write a persuasive letter to Oliver Dowden (Minister of Digital, Culture, Media and Sport) after he today announced that all libraries are to be closed down. You must try to persuade him to keep them open.

You must include:

- Facts and statistics – research the importance of libraries, get quotes from famous people or statistics of how important they are

- Use modal verbs, adverbs of possibility, rhetorical questions and hyperbole.
- Make your opinion clear throughout
- Give suggestions in your conclusion
- Use formal register and powerful vocabulary

Reading

This week your reading extract does not come from a book. It is based loosely on the short video called Alma and the author has really tried to create atmosphere with his choice of words. We think you will love it!

Trapped

Peacefully, the crisp, white snowflakes tumbled towards the earth, above the sleepy Barcelona suburb, blown by a blustery wind, which whistled through the labyrinth of dark alleys and huddled houses. Alma tried her best to dart and dodge in between each flake, causing her to bounce all over the cobbled path. Her pale pink gilet was the colour of her rosy cheeks and her small button nose, which had been exposed to the chilly weather for just a few minutes too long. Rested on her head, sat a grey bobble hat – warm and snug.

This young girl had not a care in the world as her arms waved about playfully and she continued to skip through the cascading snow.

As Alma continued down the tight alleyway, she suddenly skidded to a halt; her eyes were drawn towards a wall. The wall was decorated with the names of boys and girls; each carefully written in white chalk. Some names were large and crooked; others were straight and small. Staring at each and every signature, Alma's face curved into a smile. Carefully, she picked up the little stump of chalk that rested on the stone floor below the wall. "How did this get here?" she muttered under her breath, with delight. Before she knew it, she had etched her own name, 'Alma', on the grey canvas. Alma took a deep breath and gazed up at her name adoringly, dropping the chalk back on to the floor. Just at that moment, an eerie metallic creak pierced the silence of the winter's day. Alma no longer felt alone and was suddenly compelled to turn around...

There it stood. A doll. However, it was not only a doll, but also it looked strangely familiar. Alma loved dolls. But this doll...this doll was something very different. It was an identical image of herself: the pale pink gilet, the rosy cheeks, the small button nose, and the grey bobble hat sat upon its head. It stood proudly behind a dusty window in an old run-down shop, of which Alma was sure had been empty just a few minutes earlier. A frosty chill shot down Alma's spine, yet this chill had nothing to do with the cold weather.

Her feet were pulled towards the window, where the doll had just appeared. Looking down at her were two glassy, blue eyes. Alma took in every inch of the doll's body and face; her identical eyes wide and her mouth forged open. Despite her bewilderment, she looked down at her own clothes once more, in disbelief, taking her eyes off the doll for just a split second, but when she looked back up towards the window once again, the doll

had vanished...

Day 1

You must read the extract out loud to a family member practising using volume, tone and expression. As you read, underline or make notes of any words that you do not understand.

Maths

Decimals as fractions (Lesson 3)

Today you will continue to learn to read and write simple decimal numbers as fractions, such as tenths ($\frac{1}{10}$), quarters ($\frac{1}{4}$) and halves ($\frac{1}{2}$). [For example, $0.71 = \frac{71}{100}$]. Please look at the place value grid and number line below to help support your understanding. Use these to help you answer the questions.

Please be aware, some of Q4 need the fractions to be converted to mixed numbers first to help you answer. E.g. 4e) $\frac{6}{4} = 1\frac{1}{2} = 1.5$.

Key vocabulary: decimal, kilometre (km), one half, equivalent, tenths, half-way, zero, place value grid, number line, ones, hundredths, represent, metre (m), convert.

We must also remember these key facts from year 4. It is important to memorise the following four:

$$\frac{1}{4} = 0.25$$

$$\frac{1}{2} = 0.5$$

$$\frac{3}{4} = 0.75$$

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

Remember in year 4 we used place value grids to help us convert a decimal to a fraction and vice versa. So, 0.37 is equivalent to $\frac{37}{100}$.

Tens	Ones	.	Tenths	Hundredths	Thousandths
10	1	•	0.1	0.01	0.001
$\frac{10}{1}$	$\frac{1}{1}$	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1,000}$
	0	•	3	7	

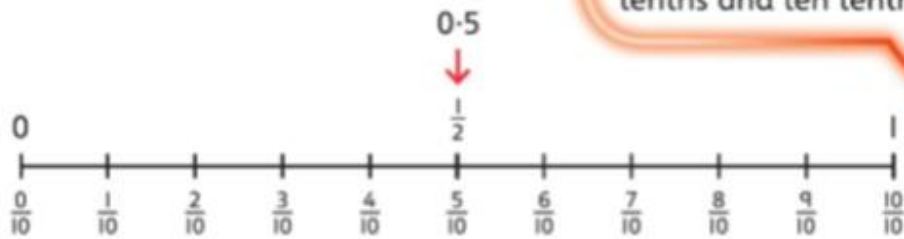




- 1** a) Where is Sofia on the route planner? Find the location on the route planner, and describe it as a fraction of a kilometre.
- b) After 15 minutes Sofia has run 1.5 km. Locate her position on the route planner, and describe it as a fraction.

Share

a) 0.5 is equivalent to one half.



0.5 is equivalent to a half, because five tenths is half-way between zero tenths and ten tenths.



I think you could also write her distance as $\frac{5}{10}$ km, because $\frac{5}{10}$ is equivalent to $\frac{1}{2}$.



0	•	Tth
0	•	5

Sofia has run 0.5 km, which can also be written as $\frac{1}{2}$ km.

b)



1.5 is equivalent to $1\frac{1}{2}$ and $1\frac{5}{10}$.

Think together

- 1 Jamie ran 0.7 km. Write this as a fraction.

O	•	Tth
	•	

I will use counters on a place value grid to help me.



I will use a number line to work it out.



0.7 km as a fraction is $\frac{\square}{\square}$ km.

- 2 These are the results for some other runners. Complete the table.

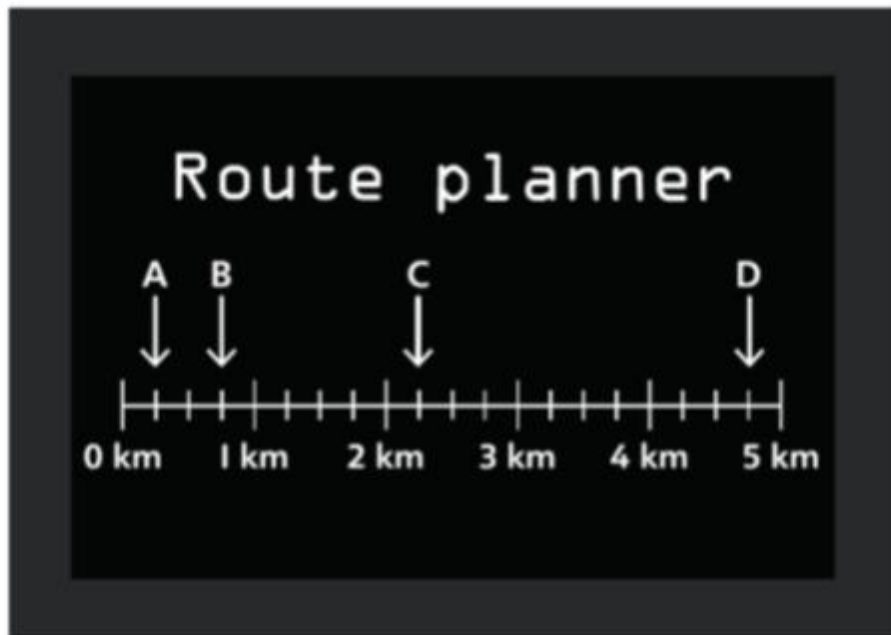
Runner	Distance as a decimal	Distance as a fraction
Aki	0.6 km	\square km
Richard	\square km	$\frac{3}{10}$ km
Jamilla	\square km	$2\frac{3}{10}$ km
Kate	\square km	$3\frac{1}{2}$ km

3

a) Write the distances shown on the route planner as decimals.

b) How far has the jogger run between B and C and C and D?

CHALLENGE



I think these are at $\frac{1}{4}$ and $\frac{3}{4}$ marks. I think these are written 1.4 and $\frac{3}{4}$. Am I right?

I think it helps to draw number lines marked in tenths.

$\frac{1}{4}$ is between 0.2 and 0.3.



Now complete pages 136 - 138 in your power maths books.

Tuesday and Thursday: Go on the Mathletics website to complete the tasks that have been set.

<https://www.mathletics.com/uk/>

Weekly Spellings

The rule for this week is **endings spelt –ant, -ance or –ancy**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

e.g. An atom is the smallest part of a substance.

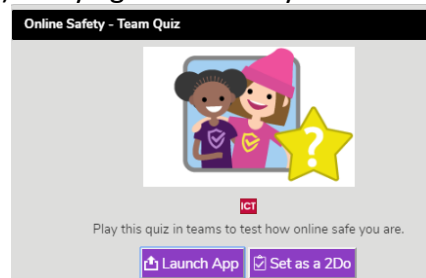
expectant
hesitance
tolerant
participant
substance
abundance
extravagance
buoyancy
consultancy
acquaintance
descendant
reluctancy
dominant
expectancy
frequency
assistance
observant
flamboyant
relevancy
consultant

Foundation Work (for the week)

Computing (due Friday at 12pm)

As you know internet safety or E-Safety is very important and something we look at throughout the academic year. For this week's task we have set you two quizzes that you have to complete using your previous knowledge of how to keep safe.

- 1) Play against a family member



- 2) Complete yourself



Go to the red To Do button at the top left of your screen. When you have finished your work for the day, click on the red arrow at the top right of the screen and then save and exit. You will be asked if you want to continue the work or hand it in. Only hand it in when you have finished your weekly task and then your teacher can look at your work.

Diary

Write a diary of what work and activities you did today. Remember to include your emotions and opinions.