



HOME LEARNING

YEAR 5

16/06/2020

Morning Message

For virtual learning, use this:

Meeting ID: 751 802 3376

Good morning Year 5,

We hope you enjoyed yesterday's learning and were as gripped by the reading extract as we were! It's great to hear that so many of you are reading lots at home – keep it up 😊. For today's learning we will be continuing with decimals but will now be focussing on adding and subtracting them. We also would like to wish Tyler a big Happy Birthday! We hope you have a lovely day celebrating 😊.

Answer to Monday's anagram:

football

Today's anagram:

hawle

Have a lovely day,
Ms Gayer and Mr McCann

Challenge (optional): Over the next two days, could you have a go at writing a poem about how you've been finding lockdown. Perhaps you could include new things you've learnt, things you've enjoyed doing and things that you have appreciated during it. Get creative!

This week's Pictures



Writing

Writing the opening to a story

Today you will be writing the opening of your story, which will include the part where the boy runs away from the orphanage with his dog and stumbles across the forest and the abandoned house in the forest. You will stop writing when you get to the part where the boy hears loud noises of an engine and voices.

Before you start writing, in your head, or to a family member, tell your story to remind yourself of it. Once you have done that you are ready to start writing the opening to your story. Below is an example of how to start the opening, you may magpie some ideas or sentence starters if you'd like.

Remember: write LO: to write a dramatic story. When you continue your story, do not write new LO's each day – just carry on from where you left off.

Example:

He had escaped. His feet pounded through the deserted street as the moonlight illuminated the pathway for his escape. Not far behind, he could see the silhouette of the orphanage melting into the night. An hour earlier he had decided that tonight was the night he would finally escape. He had packed a small bag with essentials for him and his dog and, when midnight struck, he made his move.

Reading

Day 2

Use a dictionary to write definitions and sentences for the words you didn't understand or underlined. If you think you know all the words pick the trickier words and prove that you know them by defining them and use them in a sentence. Make sure to get an adult to check that you are right.

Challenging words: Badlands, inhabited, apprentices

It was easy enough to spot the Vampire at the far end of the alleyway. As she peered round the corner of the last building in the street, Ruby spied the creature standing inside a yellow cone of light thrown down by the single street lamp, staring into a shop window.

She tiptoed round the corner, keeping close to the wall, and slid into a deep dark doorway to hide. As she moved closer to the Vampire, the old-fashioned revolver Ruby was holding tutted, then swore quietly for good measure. To be fair, the gun had been grumbling for the last ten minutes, making sure Ruby knew exactly how it felt about her hunting such a dangerous creature, urging her to turn back. A speaking gun, let alone one that could curse so well, would have scrambled the brains of most people – as would seeing a Vampire in a small market town in the middle of the night – but to Ruby none of it seemed exceptional now.

Up until a few months ago, she'd been living a regular life. But she lived in the Badlands now, a place on the fringes of the everyday world that most ordinary people

knew nothing about. Not only was magic possible there, but the Badlands was also inhabited by strange and vicious monsters, making it very dangerous. But, in spite of all the extraordinary creatures that could be found there, Ruby was by far the strangest living thing of all because she was the only girl.

As far as she knew, the Badlands had only ever been a place where men and their boy apprentices had worked, tackling monsters and other nasties to keep ordinary people safe. Ruby always glowed with pride whenever she remembered she was the first girl Badlander. Even if it was still a secret for now.

'Keep it down, will you?' she hissed as the gun tutted again, before stringing together another collection of rather fruity-sounding words that would have embarrassed anyone who knew what they meant.

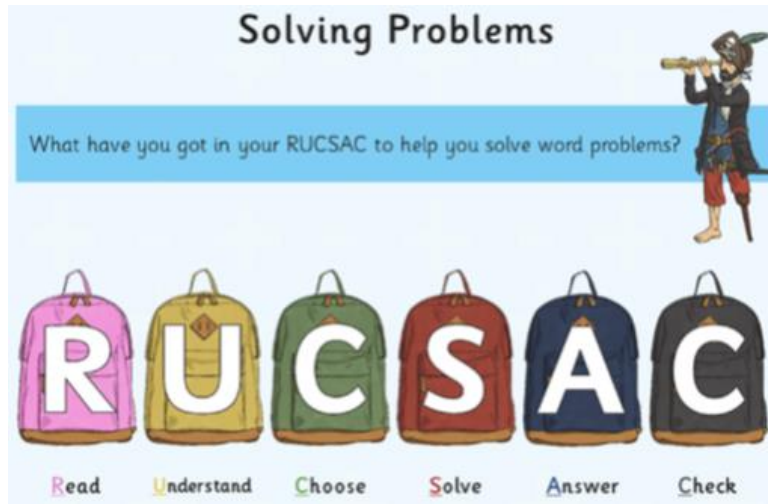
'Ruby, for the last time, go home,' it whispered. 'You might be brave, but you're too stubborn for your own good. You're out of your depth with this one.'

'I know what I'm doing.'

Maths

Lesson 10 – Problem solving with decimals

In this lesson you will learn strategies for solving problems involving adding and subtracting numbers with up to three decimal places. It's really important that you read the question a few times to understand what it is asking you. Use **RUCSAC** to help you. It will be helpful to use a bar model to answer these questions to help you figure out what operation you need to use.

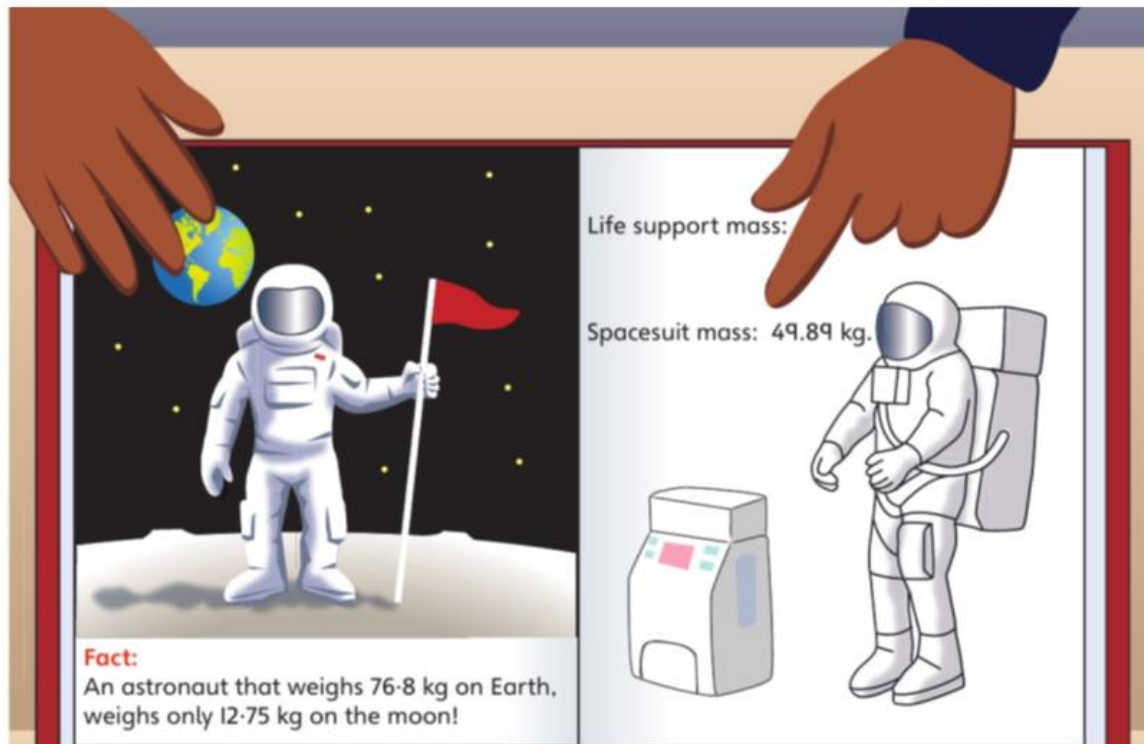


Remember: it's really important to bring the decimal point down into the answer line when doing column method.

For help on how to add and subtract decimal numbers, please watch this video below. Once you get to 3:48 please stop as it goes onto decimal multiplication and we are not focusing on that today.

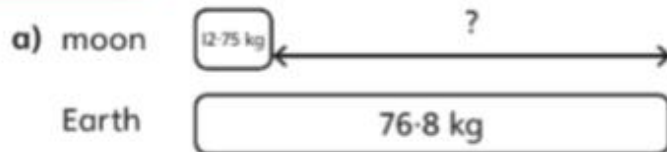
<https://www.youtube.com/watch?v=kwh4SD1ToFc> STOP at 3:48.

Key vocabulary: more than, difference, total, method, efficient, mass, weigh, heavier, kilogram (kg)



- 1 a) How much more is the weight of the astronaut on Earth than on the moon?
- b) The mass of the life support is 90.2 kg heavier than the spacesuit. What is the total mass of the spacesuit and life support?

Share



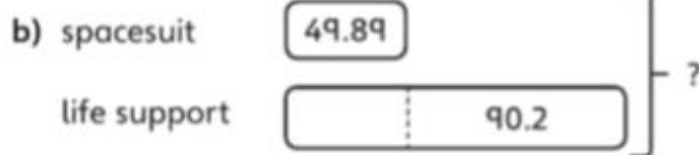
I will use a bar model to help me. I can see that I need to do a subtraction as I am finding a difference.



$$\begin{array}{r}
 \text{T} \quad \text{O} \cdot \text{Tth} \quad \text{Hth} \\
 76 \cdot 8 \quad 0 \\
 - 12 \cdot 75 \\
 \hline
 64 \cdot 05
 \end{array}$$

$$76.8 - 12.75 = 64.05$$

The weight of the astronaut on Earth is 64.05 kg more than on the moon.



I need to find the mass of the life support first.



The mass of the life support is
 $49.89 \text{ kg} + 90.2 \text{ kg} = 140.09 \text{ kg}.$

The total mass of the spacesuit and the life support is

$$140.09 \text{ kg} + 49.89 \text{ kg} = 189.98 \text{ kg}.$$

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \cdot \text{Tth} \quad \text{Hth} \\
 \quad \quad 90 \cdot 2 \quad 0 \\
 + \quad \quad 49 \cdot 8 \quad 9 \\
 \hline
 140 \cdot 09
 \end{array}$$

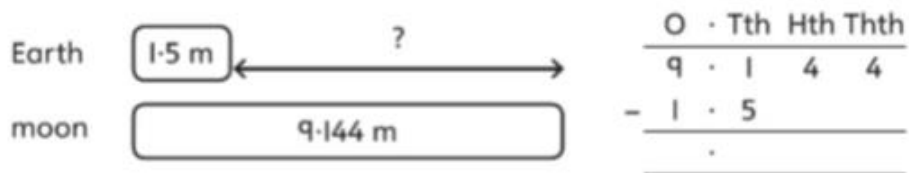
$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \cdot \text{Tth} \quad \text{Hth} \\
 140 \cdot 09 \\
 + \quad 49 \cdot 89 \\
 \hline
 189 \cdot 98
 \end{array}$$

The total mass of the spacesuit and the life support is 189.98 kg.

Think together

- 1 Lexi can jump up to 1.5 m on Earth. The same jump would be 9.144 m on the moon because the gravity is different.

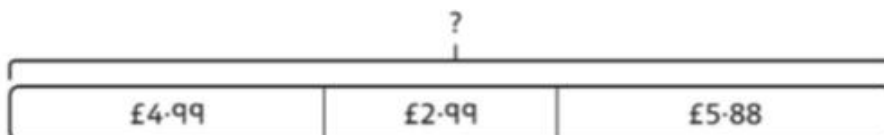
How much farther could Lexi jump on the moon?



Lexi could jump m farther on the moon.

- 2 How much do the science magazines cost in total?

Explain your method.



- 3 Astronauts bring three rocks back from the moon.

CHALLENGE



Rock A



Rock B
12 kg



Rock C

The mass of rock A is 3.6 kg less than rock B.

The mass of rock C is 4.75 kg greater than rock B.

- Work out the total mass of the three rocks.
- How much more does rock C weigh than rock A?

I am going to work out the mass of each of the rocks.



I am not sure that you need to. There might be a more efficient way. A bar model will help work it out.



Now complete pages 33–35 in your power maths books.

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 words containing the letter-string **-ough**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

e.g. We choose the strongest-looking bough of the tree as the base for our treehouse.

bought
thought
thorough
borough
plough
breakthrough
although
hiccough
furlough
sourdough
enough
although
interborough
cough
ought
tough
bough
nought
brought
toughen

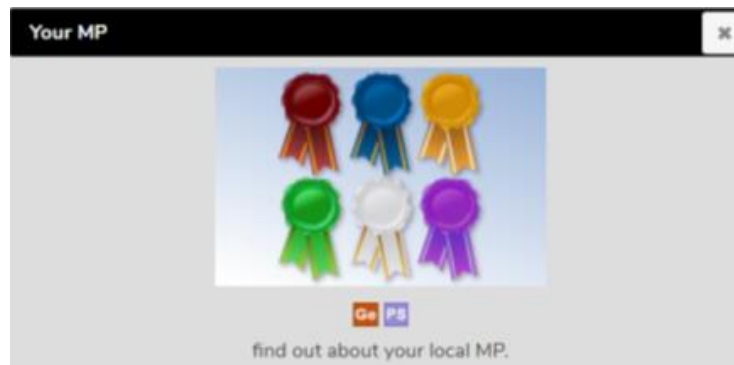
Foundation Work (for the week)

Democracy– due Friday at 12pm

This week we thought it might be interesting for you to do some research and find information out about your local MP. You can find out who your MP is through the following website:

<https://members.parliament.uk/FindYourMP> There is also a link to the website via purple mash.

Your task is to research you local MP, find out some facts about them, such as by what percentage of the vote did the MP receive at the last election. Finally, you can think of three questions that you would like to ask your local MP. For example, 'what are you doing to help the environment?'



Diary

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

