



HOME LEARNING

YEAR 5

13/05/2020

Morning Message

Good morning Year 5,

We hope you enjoyed writing your monologues yesterday and that you are becoming more confident with fractions and decimals. Today in maths we will be focusing on rounding decimals to the nearest whole number and to one decimal place.

Answer to yesterday's riddle:

A battery

Today's riddle:

What gets wetter as it dries?

Enjoy your day,

Ms Gayer and Mr McCann

Challenge: On your walk today, take a piece of paper and a pencil/crayon with you. Look for some patterns and shapes in nature e.g. bark/leaves, when you see one put your piece of paper over the shape/pattern and rub the crayon/pencil over the pattern and watch as the marks appear on the piece of paper.



Today's Picture



Writing

Air Hotel 3000

It is the year 3000, and the new 'Air Hotel 3000' is embarking on its maiden trip!

Your task: Write a newspaper article reporting on its first outing, perhaps interviewing some of the passengers on board!

Things to think about:

- What features do you think this new type of hotel has?
- How is it similar/different to hotels/holidays we go on today?
- How many people do you think can travel on the Air Hotel 3000?
- Where do you think it might be heading on its voyage?
- Who is flying it? How is it controlled?
- How do you think the hotel is powered?
- How do you think it lands?

Remember to:

- Include reported and direct speech
- Relative clauses
- Facts
- The 5Ws in your opening

Reading

Day 3 – Teacher questions

On the lines

1. Which floor of the building is the extract set?
2. What is the name of the nursery maid?
3. Give three examples of how the author describes Mouse.

Between the lines

1. Why has the author described the clouds as blowing across the sky?
2. Why do you think the author has chosen to give Uncle Scrope “pale eyes” and Mouse “bright brown eyes”?
3. Do you think this text is set in the past or nowadays? Why?

Beyond the text

1. What would you do if you were the nursery maid in the situation?

Maths

Decimals and percentages (Lesson 9)

In this lesson you will round decimals to the nearest whole number and to one decimal place. Make sure you read the question carefully, how is it asking you to round the number? To the nearest whole number or nearest tenth? It will be useful to draw number lines in this lesson to help you visualise the rounding.

A place value chart like below will also be useful.

Hint: remember the rounding rule from year 4.

e.g. 3.4 rounded to the nearest whole number would be 3. 5.6 rounded to the nearest whole number would be 6. Remember to look at your tenths column to help you decide whether to round it up or down!



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

Key vocabulary: round(ing), decimal, weigh, kilogram (kg), nearest, whole, half-way, interval, decimal place, number line, hundredths, digit, exact, centimetre (cm), tenths



- 1 a) Do you agree with Jen that all of the boxes weigh approximately 9 kg?
Round each weight to the nearest whole number.
- b) A fifth box rounds to 9 kg. What could it weigh?

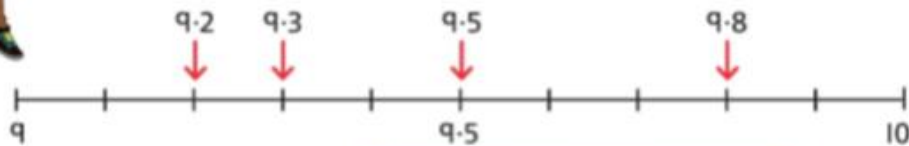
Share

- a) Each of the four boxes weighs between 9 kg and 10 kg.

To round to the nearest whole number, work out if it is nearer to 9 or nearer to 10.



I drew a number line and marked it in tenths. Now I can see that 9.2 and 9.3 are nearer to 9, and 9.8 is nearer to 10. But what about 9.5?



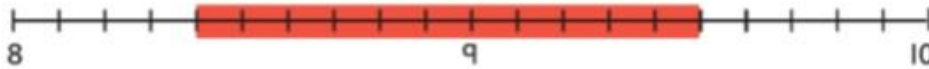
9.5 is exactly half-way between 9 and 10. The half-way number always rounds up.



9.2 and 9.3 round to 9 kg to the nearest whole number.

9.5 and 9.8 round to 10 kg to the nearest whole number.

- b) 8.5 rounds to 9, but 9.5 rounds to 10. The box could weigh from 8.5 kg up to 9.49 kg.



Think together

1 Round each decimal number to the nearest whole number.

a) 1.9

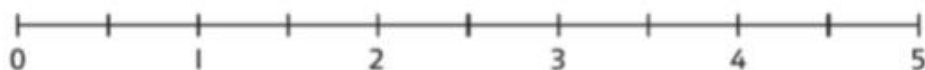
c) 0.9

e) 1.09

b) 4.4

d) 2.5

f) 0.25



2 Round each of these numbers to one decimal place.

O	.	Tth	Hth
3	.	5	6
2	.	0	9
0	.	2	2
5	.	0	0

We say numbers like 1.2 or 23.5 have **one decimal place**.

Numbers like 1.35 and 10.79 have **two decimal places**.



I understand it more deeply when I draw a number line.



I can tell which numbers will round up or down by looking at the hundredths digit.



- 3 a) Round 1.24 to the nearest whole number.

CHALLENGE

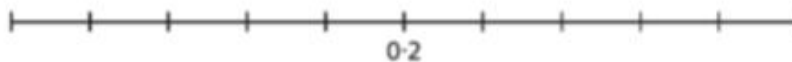


- b) Round 1.24 to the nearest tenth.



- c) A number rounds to 0.2 to the nearest tenth.

What could the number have been?



I will also try using a place value grid to help with the rounding.



Rounding to the nearest tenth can be called 'rounding to one decimal place', because the rounded number will not have any hundredths.



Now complete pages 154 - 156 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 **endings spelt –ent, -ence or –ency**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

e.g. The slug didn't realise the consequence of eating the salt.

innocent
magnificent
translucent
intelligent
indulgent
ancient
emergent
benevolent
confidence
consequence
licence
emergence
benevolence
independence
regency
emergency
urgency
tendency
dependency
independency

Foundation Work (for the week)

Victorians – due Friday at 12pm

As you all enjoyed the Queen Victoria biography task we thought you would like to complete another activity about the Victorians. During the Victorian times life was very different than it is for us now. A major difference was the transport used in the Victorian times compared to now. Now we have the luxury of cars, buses and the London Underground but back then it was much different.

Task: research transport in the Victorian era and then Compare forms of transport we use today with those from the past.

Old and New Transport



ER HI LI

Compare forms of transport we use today with those from the past.

 Launch App

 Set as a 2Do

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.