HOME LEARNING

YEAR 6

11/05/2020

Morning Message

Happy Monday Year 6!

We hope you have had a great bank holiday – it's not traditional to have enjoyed such a lot of sunshine but long may it continue!

Today's (bank holiday-related) facts of the day:

Britain used to enjoy 33 bank holidays throughout the year! Until 1834, when a spoilsport decided to reduce it just 4!

Bank holidays were originally named St. Lubbock's days after the banker John Lubbock who made 4 of them official. It is rumoured he chose the dates over the spring and summer to coincide with when his local cricket team would be playing so that he could watch.

Answer to Friday's riddle: *the letter 'm'.* Today's riddle: *What is a 5 letter word that becomes shorter when you add two letters on?*

Have a lovely day,

Mr Larke and Ms Yerlisu

Today's Picture

Writing

A painful throbbing in her temples and the feel of hot sun on her face, Amira opened her eyes, sat up and looked around.

The last thing Amira remembers is her boat capsizing 3 weeks into a solo attempt to sail around the world.

Task: write a description of the island she wakes up to after being washed ashore.

Tips for success:

- use a variety of descriptive vocabulary: powerful verbs, adjectives and adverbs

- use all five senses to describe the scene

- describe in detail one shocking or particularly amazing discovery e.g. a dangerous animal, a waterfall, a temple

Reading

The following text is an extract from *Here Comes Hercules* by Stella Tarakson

Day 1: Initial reading. Read the text: underline any words you do not understand and make notes on any thoughts you have about the book.

The tiger lay at Tim Baker's feet with its mouth wide open. Its striped fur was grimy and tattered, as if it had fought in many fights. Its lips were drawn back in a snarl. Pointy yellow teeth gleamed in the fading light. They looked very sharp.

Tim felt the sweat trickle down his face. He wiped it away with the back of his hand. He had to keep going. The day was nearly over, but there was still a lot to do.

It was hot and humid and he could hear the rumble of distant thunder. The storm was getting nearer. Not looking where he was going, Tim shuffled forward. He stepped closer to the tiger, who watched and waited in silence. Tim's foot landed centimetres from its head.

'Sorry,' he said, edging around the massive beast. He was careful not to tread on its outstretched paws. The tiger gazed back at him through glassy eyes. It looked like it wanted to leap up and growl. Instead it lay silent and still, poised as if ready to pounce. Tim bent down and patted its furry head. A cloud of dust flew out, which made him sneeze.

'Wow, you're dirty! Guess I'll have to clean you, too. But not now. I gotta dust before Mum comes home.'

The tiger said nothing. It lay on the living room floor, watching Tim hunt reluctantly for the duster.

Tim often spoke to the tiger-skin rug. It kept him company after school, while Mum was at her second job. Mum worked in an office during the day, then as a cleaner in the evening. She worked from early in the morning until dinner time. Mum didn't like being away from home for such long hours, but she had no choice. They needed the money. Which meant Tim had to help out at home. Everyone had to pull their weight, Mum said. Tim tried. It didn't mean he had to like it. He found the duster crammed under the sofa, where he'd left it the last time he had done the dusting. Sighing, he pulled it out and turned to the mantelpiece.

First the crystal skull, then the wooden elephant. Tim's house was full of things his parents had collected from overseas. Rugs, statues, paintings … It was like living in a museum. A reminder of better times, the jumbled collection now sat around gathering dust.

Tim moved on to the old Greek vase. It was big and black, with a narrow neck and two curved handles. Two black figures stood out on a clay-coloured panel: a muscleman wrestling a fierce bull. The bull was bigger, but it looked like the man was winning.

'You know what?' Tim said to the tiger, taking a break from cleaning. 'That bull looks familiar. Weird. I don't think I've met any bulls lately.' He raked a hand through his mop of curly brown hair as he examined the picture closely. That wiry red hair, the stocky build, the angry face … Tim jumped. That was it! The bull looked like Leo. Just as cross and just as stupid. If his worst enemy had horns, Leo and the bull would be twins.

 'I guess that's why they're called bullies,' Tim muttered. 'They look like bulls.'

He wondered how on earth the man could be defeating the animal. It was twice his size and pure, solid muscle. But the man looked like he was used to adventures and heroic feats. He probably wasn't stuck at home doing housework all the time. And the bull almost certainly didn't call him Cinderella! Tim whipped the duster about roughly. Everyone thought the nickname Leo had invented for him was funny. Everyone except Tim.

The vase wobbled alarmingly and started to topple. Steadying it with both hands, he gazed at the jagged writing on the vase. He wished he could read it. It might explain the man's secret. It might tell him how to defeat Leo.

'One day, I'll learn to read the words. I'll tell you what they mean,' Tim told the tiger-skin rug. The tiger looked back blankly. 'Hey, it's not easy! Even Mum can't read it. It's in Greek. The alphabet's different.' The tiger said nothing. It didn't believe him. 'I can read some of it.' Tim gripped the vase carefully, the way his mother had shown him, and tilted it so he could see better. 'That's an E and that looks like–'

Just then, the phone rang. Startled, Tim jerked backwards, his fingers still looped around the handles. CRASH! The vase toppled to the floor, smashing into bits. Tim's heart beat faster. Mum would go nuts if she found out. He had to fix it, quickly, before she came home.

Rounding Decimal numbers

Objectives:

- Rounding decimals to whole numbers

- Rounding decimals to one place

- Knowing whether to round up or down

What is "Rounding"?

Rounding means making a number **simpler** but keeping its value close to what it was.

The general rule for rounding:

If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up. Example: 38 rounded to the nearest ten is 40. ...
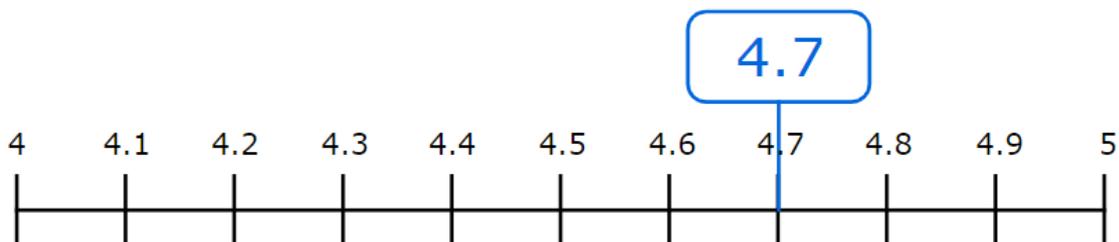If the number you are rounding is followed by 0, 1, 2, 3, or 4, round the number down. Example: 33 rounded to the nearest ten is 30.

Round 4.7 to the nearest whole number.

It lies between 4 and 5 on the number line.

Here is our number.   Is it closer to 4 or 5?

4.7

| 4 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5 |

It is closer to 5.
4.7 to the nearest whole number is 5.

Rounding to 1 d.p

4 . 8|3 2 5	4. 8|4 2 5	4. 8|5 2 5
↑	↑	↑
5 or bigger ?	5 or bigger ?	5 or bigger ?
↓ No	↓ No	↓ Yes
4.8	4.8	4.9

4. 8|6 2 5	4. 8|7 2 5	4. 8|9 2 5
↑	↑	↑
5 or bigger ?	5 or bigger ?	5 or bigger ?
↓ Yes	↓ Yes	↓ Yes
4.9	4.9	4.9

Rounding Decimals

First work out which number will be left when we finish.

- Rounding to **tenths** means to leave **one number** after the decimal point.
- Rounding to **hundredths** means to leave **two numbers** after the decimal point.

Round 1.76 to 1 decimal place.

It lies between 1.7 and 1.8 on the number line.

Here is our number.   Is it closer to 1.7 or 1.8?

1.76

1.7   1.71   1.72   1.73   1.74   1.75   1.76   1.77   1.78   1.79   1.8
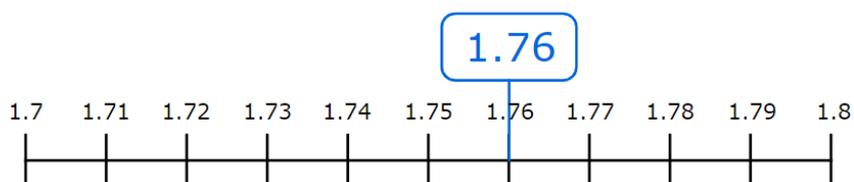
It is closer to 1.8.
1.76 to 1 decimal place is 1.8.

Rounding to 2 d.p

5. 8 4 | 2 5

5 or bigger ? No

5.84

1. 4 2 | 6 1

5 or bigger ? Yes

1.43

0. 6 0 | 8 3

5 or bigger ? Yes

0.61

0. 2 9 | 4 3

5 or bigger ? No

0.29

0. 5 5 | 5 0

5 or bigger ? Yes

0.56

0. 3 9 | 7 0

5 or bigger ? Yes

0.40

Rounding to 3 d.p

5. 8 4 2 | 5 4

5 or bigger ? Yes

5.843

1. 4 2 6 | 1 8

5 or bigger ? No

1.426

0. 6 0 8 | 3 4

5 or bigger ? No

0.608

6. 2 9 4 | 7 1

5 or bigger ? Yes

6.295

5. 4 0 0 | 9 7

5 or bigger ? Yes

5.401

0. 3 9 9 | 7 7

5 or bigger ? Yes

0.400

YOU TRY

Mr Wreck's car is 4.86 m long.   Jamie's baby sister weighs 5.476 kg.

Round this length to: Round this weight to:

the nearest whole number ☐ m [2]   the nearest whole number ☐ kg [2]

1 decimal place ☐ m [2]   1 decimal place ☐ kg [2]

Task

A sports club held an athletics competition. There were several events with different age categories for each event.

Can you round the lengths to the different degrees of accuracy?

Event and Category	Length	Round to the nearest whole number	Round to the nearest tenth	Round to the nearest hundredth	Round to the nearest thousandth
Long jump: Under 11	4.2595m				
Long jump: Under 16	3.9709m				
High jump: Under 11	0.9376m				
High jump: Under 16	0.8696m				
Pole Vault: Under 11	2.1147m				
Pole Vault: Under 16	3.7318m				
Javelin: Under 11	50.0741m				
Javelin: Under 16	39.2308m				
Shot put: Under 11	8.2699m				
Shot put: Under 11	12.3515m				

Extension

Use the clues to find the correct answer from the eight possibilities.

CHALLENGE A

- I am between 10 and 20.
- I am 15 rounded to the nearest whole.
- I have 4 digits.
- My ones digit is even.

Who am I?

12.7	15.24	16.6	13.58
14.57	16.08	14.9	15.48

CHALLENGE B

- I have 3 digits.
- I am less than half of 16.
- When rounded to the nearest whole, I round down not up.
- All my digits are odd.

Who am I?

9.35	3.28	1.39	1.55
6.3	1.74	4.71	7.1

CHALLENGE A

- My value is between ¼ and ¾
- I have 3 decimal places.
- My nearest tenth is 0.6
- If you round me to the nearest hundredth, I round up.

Who am I?

0.317	0.764	0.562	0.64
0.598	0.602	0.657	0.547

CHALLENGE B

- If you round me to the nearest whole, I round up.
- If you round me to the nearest tenth, I round down.
- If you round me to the nearest hundredth, I round up.
- None of my digits are multiples of 3.

Who am I?

4.618	3.725	5.128	1.827
7.514	8.227	9.717	5.625

Weekly Spellings

We have finished learning and revising all the the year 5 and year 6 spelling patterns and words. Your job now is to take some responsibility for your own learning and evaluate which words and which types of spelling patterns you need to continue to revise before year 7. From looking at last week's test, and the spelling section of the KS2 National Curriculum (ask an adult for help), you should have an idea of which patterns you need to revise most. We will be providing 15 additional tricky words each week for you to learn but these are not compulsory. It is more important that you revise all the spelling patterns from the KS2 National Currciulum first.

1. biased
2. hypothesis
3. medieval
4. jewellery
5. permanent
6. possession
7. vegetable
8. renewable
9. alliteration
10. analysis
11. ingredients
12. reference
13. ceremony
14. specimen
15. personification

Foundation Topic Work (for the week)

This week we will researching information about the Islamic holy month of Ramadan. Use the internet, any books you have on the subject and talk to your family. The task has been set on Purple Mash – use the template to present what you have learnt. Hand in to your teacher by Friday.

Diary

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