

Maths- 30.3.20

Here are your maths tasks for this week- please use the book provided to complete the tasks ☺ We normally do maths Monday-Thursday, with Friday being our day for Mathletics and Times table rockstars to consolidate other areas of learning. Please see the Times table sheet for suggested activities.

Monday

Today, we are going to look at rounding number to the nearest 10. Remember, when we are rounding numbers to the nearest ten, we look at the ones digit to see if then tens will stay the same or go up to the next tens number. The hundreds/thousands stay the same mostly.

Our rhyme is:

1, 2, 3 or 4, we don't change this anymore,

5, 6, 7, 8 or 9, we round this up, all the time.

So, for 1347, we would look at the ones. As the 'ones' is a 7, we know we will need to round this up. So, we now look at the tens (40) and we round to the next ten which is 50.

1347 rounded to the nearest 10 is 1350. WE ARE ONLY CHANGING THE TENS AND THE ONES WILL ALWAYS BE '0'.

Thousands	Hundreds	Tens	Ones
1	3	4	7
1	3	5	0

Number we will keep the same
OR
 Number we will round up (to the next 10)

Number we sing our song about to see if we keep the tens the same or round to the next ten

Give these a try:



- 2. 4567 rounded to the nearest ten is _____
- 3. 1822 rounded to the nearest ten is _____
- 4. 187 rounded to the nearest ten is _____
- 5. 43 rounded to the nearest ten is _____

Challenge

Jasmine says:



Do you agree with Jasmine?

Explain why.

Tuesday

Parents, if your child struggled on Monday, please do feel free to practice further on this skill before moving onto today's session. Children can practice with these numbers rounding to ten 1345, 2731, 3478.

Today, we will be looking at rounding to the nearest hundred. This is the same as yesterday, however instead of looking at the tens and ones, we will be looking at the hundreds to see if it will stay the same or round to the next hundred number. The tens will then help us to see what the hundreds should be. The thousands will stay the same, but the hundreds will change and the tens and ones will always be '0'. We do not even need to look at the ones! Just the hundreds and tens.

Our rhyme is:

1, 2, 3 or 4, we don't change this anymore,

5, 6, 7, 8 or 9, we round this up, all the time.

So, for 1347, we would look at the tens. As the 'tens' is a 4, we know we will need to keep the hundreds the same. So, we now look at the hundreds (300) and we keep it the same as 300.

1347 rounded to the nearest 100 is 1300. WE ARE ONLY CHANGING THE HUNDRED AND THE TENS AND ONES WILL ALWAYS BE '0'.

Thousands	Hundreds	Tens	Ones
1	3	4	7
1	3	0	0

Number we will keep the same

OR

Number we will round up (to the next 100)

Number we sing our song about to see if we keep the hundreds the same or round to the next hundred

Give these a try:



2. 4567 rounded to the nearest 100 is _____

3. 6122 rounded to the nearest 100 is _____

4. 2655 rounded to the nearest 100 is _____

5. 342 rounded to the nearest 100 is _____

Challenge

2 Say whether each number on the number line is closer to 500 or 600



Wednesday

Parents, if your child struggled abit on Tuesday, please do feel free to practice further on this skill before moving onto today's session. Children can practice with these numbers rounding to 100- 1345, 2731, 3478.

Today, we will be looking at rounding to the nearest thousand. This is the same as yesterday, however instead of looking at the hundreds and tens, we will be looking at the thousands to see if it will stay the same or round to the next thousand number. The hundreds will then help us to see what the thousands should be. The thousands will stay the same or go up, but the hundreds, tens and ones will always be '0'. We do not even need to look at the tens and ones! They stay as '0'.

Our rhyme is:

**1, 2, 3 or 4, we don't change this anymore,
5, 6, 7, 8 or 9, we round this up, all the time.**

So, for 1347, we would look at the hundreds. As the 'hundreds' is a 3, we know we will need to keep the thousands the same. So, we now look at the thousands (1000) and we keep it the same as 1000.

1347 rounded to the nearest 1000 is 1000. WE ARE ONLY CHANGING THE THOUSAND AND THE HUNDREDS, TENS AND ONES WILL ALWAYS BE '0'.

Thousands	Hundreds	Tens	Ones
1	3	4	7
1	0	0	0

Number we will keep the same
OR
Number we will round up (to the next 1000)

Number we sing our song about to see if we keep the thousands the same or round to the next thousand

Give these a try:

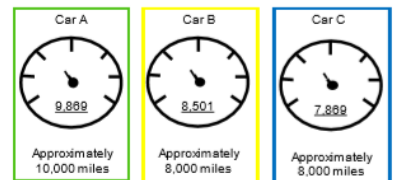
1 Say whether each number on the number line is closer to 3,000 or 4,000



David's mum and dad are buying a car.

They look at the following cars:

- 2. 1456 rounded to the nearest 1000 is _____
- 3. 1672 rounded to the nearest 1000 is _____
- 4. 7111 rounded to the nearest 1000 is _____
- 5. 8234 rounded to the nearest 1000 is _____



Challenge _____ →

True or false?

All of the cars are correctly advertised.

Explain your reasoning.

Thursday

Parents, if your child struggled abit on Wednesday, please do feel free to practice further on this skill before moving onto today's session. Children can practice with these numbers rounding to 1000- 1345, 2731, 3478.

Today, we will be having a look at some problems based on rounding. If your child is still struggling with any of these concepts, please do continue to practice by giving them thousands numbers. Here are some websites that have videos to explain which might further help:

<https://www.youtube.com/watch?v=XnJw2wg930U> - video

https://www.youtube.com/watch?v=N-2_aeIKzbQ – video with numberlines

<https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/zpx2qtv> - explanation

Give these a try:

- 1) A number is rounded to the nearest thousand.

The answer is 7,000.

What could the original number have been?

Give 5 possibilities.

- 2) Round these numbers to the nearest 1,000

- Eight thousand and fifty six
- 5 thousands, 5 hundreds, 5 tens and 5 ones.



- 3) Are the statements always, sometimes or never true?

Explain your reasons for each statement.

- A number with a five in the tens column rounds up to the nearest hundred.
- A number with a five in the ones column rounds up to the nearest hundred