



Maths Home Learning

Remember, all of your home learning, for every subject, can be accessed on Sharepoint and Class Dojo

Tuesday 29th September 2020

LO: To round numbers within 1,000,000.

Learning:

Today we are going to continue our learning with practising rounding numbers within 1,000,000. Here is a step by step example to talk you through an example.

Round 5477 to the nearest thousand.

Step 1: Find the place value we are rounding to.

We are rounding to the nearest thousand, so that is the 5.

5477

Step 2: Look at the number to the right of the one we're rounding.

5477

Step 3: Round the number.

The number next to the 5 is a 4, which means the 5 stays the same.

5 _ _ _

Step 4: Make everything to the right of the number you rounded 0s.

5000

Videos to help:

<https://www.youtube.com/watch?v=47lajakFQIQ>

This video talks you through rounding again just in case you are unsure.

Key Vocabulary:

Inverse, addition, subtraction, opposite, units, tens, hundreds, thousands, opposite, multiplication, division, square numbers, fractions, top heavy fractions, mixed numbers.

Your task:

Complete the tasks using the Powerpoint I have attached Lesson10.

Type your answers underneath the headings and next to the screen shots I have put underneath this document.

Save your learning and send it back to me using sharepoint or class Dojo.

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LO: To round numbers within 1,000,000

Activity 1

Activity 1:

The table below shows population sizes of various UK cities.

City	Population size	Nearest 100,000
Bristol	617,280	
Cardiff	447,287	
Coventry	325,949	
Glasgow	801,198	
Southampton	253,651	

Round the population sizes to the nearest 100,000.

Bristol:

Cardiff:

Coventry:

Glasgow:

Southampton:

Activity 2

Activity 2:

The Lamborghini pictured below has a list price of £885,954



Round the price to:

- a) The nearest 100,000
- b) The nearest 10,000
- c) The nearest 1,000
- d) The nearest 100
- e) The nearest 10

Round £885,954 to:

- a) The nearest 100,000
- b) The nearest 10,000
- c) The nearest 1,000
- d) The nearest 100
- e) The nearest 10

Activity 3

Activity 3:

An airline is organising tickets to print for the year ahead.
They expect to complete 943,789 passenger journeys in the year ahead.

Their ticket supplier only sells batches of tickets in lots of 100,000s.
How many batches of tickets will the airline need?

Why does this go against the rounding rule?

Answer. Prove. Explain.

Activity 4:

Activity 4:

- a) When a number is rounded to the nearest 100,000 it is 300,000.
When it is rounded to the nearest 10,000 it is 340,000.
What could the number be?
Answer. Prove. Explain.

- b) When a six-digit number is rounded to the nearest 100,000 it is 1,000,000.
The sum total of the digits is 54.
What is the number?
Answer. Prove. Explain.