Maths Activity 3

13.01.21

WALT: round whole numbers accurately.

Rounding Whole Numbers to the Nearest 10, 100, 1000 and 10000

Rules for rounding:

- Start by identifying the digit that you are meant to be rounding to.
- Then, look at the digit to the right of the one that you are supposed to be rounding to. For example: if you are rounding to the nearest ten then look at the digit in the ones column.
  - If the digit is 5 or more, then you need to round up
  - If the digit is less than 5, then you need to round down.

Examples:

Round 172 to the nearest 10:

The 7 digit is in the tens column. We now need to look at the ones column to identify whether we are rounding up or rounding down. The digit in the ones column is less than 5, so that means that we need to round down.

172 rounded down to the nearest 10 would equal 170.

Round 65739 to the nearest 1000:

The 5 digit is in the thousands column. We now need to look at the column to the right of this, which is the hundreds column, to identify whether we are rounding up or rounding down. The digit in the hundreds column is more than 5, so that means that we need to round up.

65739 rounded up to the nearest 1000 would equal 66000.

For further guidance and example questions, go on the following link for BBC Bitesize 'Rounding numbers to the nearest 10, 100 and 1000'.

https://www.bbc.co.uk/bitesize/articles/zjc492p

Your Task:

1 star:

1. Round these numbers to the nearest 10:

a) 47 to the nearest 10 =

b) 83 to the nearest 10 =

c) 65 to the nearest 10 =

2. Round these numbers to the nearest 100:

a) 840 to the nearest 100 =

b) 920 to the nearest 100 =

c) 780 to the nearest 100 =

3. Round these numbers to the nearest 1,000:

a) 6,900 to the nearest 1,000 =

b) 5,400 to the nearest 1,000 =

c) 8,600 to the nearest 1,000 =

2 stars:

1. Round these numbers to the nearest 10:

a) 59 to the nearest 10 =

b) 42 to the nearest 10 =

c) 861 to the nearest 10 =

2. Round these numbers to the nearest 100:

a) 768 to the nearest 100 =

b) 313 to the nearest 100 =

c) 3,586 to the nearest 100 =

3. Round these numbers to the nearest 1,000:

a) 4,237 to the nearest 1,000 =

b) 1,978 to the nearest 1,000 =

c) 87,134 to the nearest 1,000 =

3 stars:

1. Round these numbers to the nearest 100:

a) 457 to the nearest 100 =

b) 8,324 to the nearest 100 =

c) 29,594 to the nearest 100 =

2. Round these numbers to the nearest 1,000:

a) 7,689 to the nearest 1,000 =

b) 32,198 to the nearest 1,000 =

c) 895,312 to the nearest 1,000 =

3. Round these numbers to the nearest 10,000:

a) 52,834 to the nearest 10,000 =

b) 134,893 to the nearest 10,000 =

c) 2,345,912 to the nearest 10,000 =