



Learning Question:

How can I round numbers to the nearest 10, 100 or 1000.

Success Criteria:

Understand why it is helpful to round numbers in maths.

Understand that numbers can be rounded up or down.

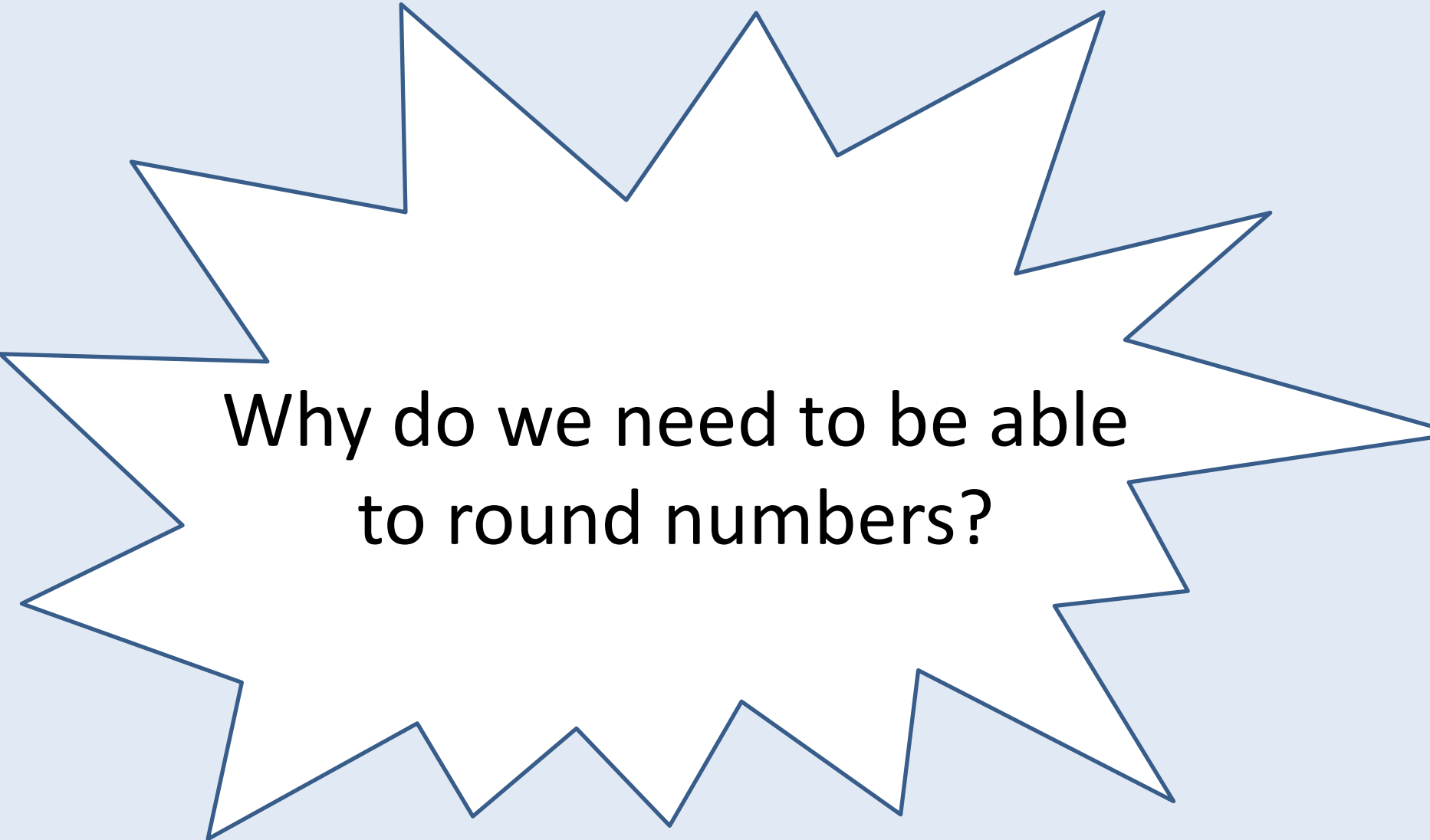
Know at what point numbers are rounded up to at multiple of 10, 100 or 1000.

Know at what point numbers are rounded down to a multiple of 10, 100 or 1000

Vocabulary



What does Rounding mean?



Why do we need to be able
to round numbers?

Rounding rule

Identify your deciding digit.

0 1 2 3 4 stay's the same, 5 6 7 8 9 round up

Use this poem

Find your number.

Look right next door.

4 or less just ignore.

5 or more, add 1 more.

17

Round this number to the nearest ten

Find your number.

①7

Circle the number in the tens column

Look right next door.

① 7
→

4 or less, just ignore.

5 or more, add 1 more.

So what must we do?

Round this number to the nearest ten

2 (8) → 3

Find your number.

Look right next door

4 or less, just ignore.

So how will we round this number?

Your turn ...

Challenge 1 : Round to nearest 10.

17 24 66 22 86

Challenge 2: Round to nearest hundred.

174 419 136 752 186

Challenge 3: Round to nearest hundred

1784 4199 1348 1787 2186

Challenge 4: Round to nearest thousand

8431 6249 9436 1752 4246

11762 87123 53214

Find your number.

Look right next door.

4 or less just ignore.

5 or more, add 1 more.

Your tasks today !

Hard:

- Rounding to the nearest 10 and 100.

Harder:

- Rounding to nearest 100 and 1000.

Hardest:

- Round each number to nearest 10, 100 and 1000.

Herculean

- solve the problems then round your answer to the nearest, 10, 100 and 1000

Hard task:

Round these numbers to the nearest 10:

1. 17
2. 26
3. 43
4. 24
5. 11
6. 89
7. 76
8. 54
9. 32
10. 88

Round these numbers to the nearest 100:

1. 123
2. 431
3. 134
4. 678
5. 568
6. 765
7. 278
8. 675
9. 3219
10. 7651

Harder task:

Round these numbers to the nearest 100:

1. 827
2. 243
3. 443
4. 287
5. 411
6. 859
7. 1746
8. 5324
9. 3532
10. 8218

Round these numbers to the nearest 1000:

1. 1243
2. 4351
3. 1234
4. 6878
5. 5668
6. 7605
7. 2718
8. 6075
9. 3219
10. 7651

Hardest task

Number	Rounded to nearest 10	Rounded to nearest 100	Rounded to nearest 1000
4567			
1298			
2981			
9371			
8361			
8462			
1283			
3291			
2816			
9821			

Herculean task:

Solve these problems and round your answer to the nearest 10, 100 and 1000.

Addition problems:

1. $235 + 732$
2. $982 + 76$
3. $3217 + 6790$
4. $3281 + 4211$
5. $3281 + 5214$

Subtraction problems:

1. $643 - 122$
2. $764 - 321$
3. $1372 - 261$
4. $3789 - 1545$
5. $9876 - 4354$

Word problems:

1. In a shop there are 476 baskets and 322 trolleys. Round the total amount of baskets and trolleys to the nearest hundred and thousand.
2. A mountain is 4154m high. So far a climber has climbed 2343. To the nearest 100m, how much further does she have to climb?
3. A plane has travelled 448 miles. It is on a journey that is 1253 miles. To the nearest hundred how much further has the plane got left to travel ?
4. A laptop costs £496 and an Xbox costs £327. To the nearest hundred, roughly how much money do I need to buy both?