Monday 6th July

Good morning!

Maths: To partition 3 and 4-digit numbers in different ways.

English: To turn our responses from the lighthouse keeper into quotations using speech punctuation.

Suggested afternoon activities –

Mexico: This week we will be looking at Mexican art and crafts! Take a look at the suggested activities on the last slide. Feel free to look at ideas from other classes too!

Spelling/Grammar: This week we will be looking at using apostrophes for contraction (to combine two words such as can and not to make can't).

Draw lines to match the words with their contracted forms.

1) I am	a) you'll
2) must not	b) I'm
3) you will	c) mustn't

What other contracted forms can you think of?

Write down as many as you can.

Arithmetic: To use estimating and rounding to support calculations.

Sometimes it is helpful to use rounding to estimate answers.

Look at the example below:

882 – 104 =

We could round 882 down to 880 and 104 down to 100.

We would round them down because the ones digit is less than 5 (2 and 4).

Now try answering this: 880 – 100

This should be easier to do. So you can estimate that the answer will be something close to 880 – 100 = 780.

Now try estimating the answer to these calculations using rounding. There is a rounding mini poem and example to help you remember how to do this.

562 + 316 =

□ X 4 = 36

27 ÷ 3 =

Example:

54<u>6</u>

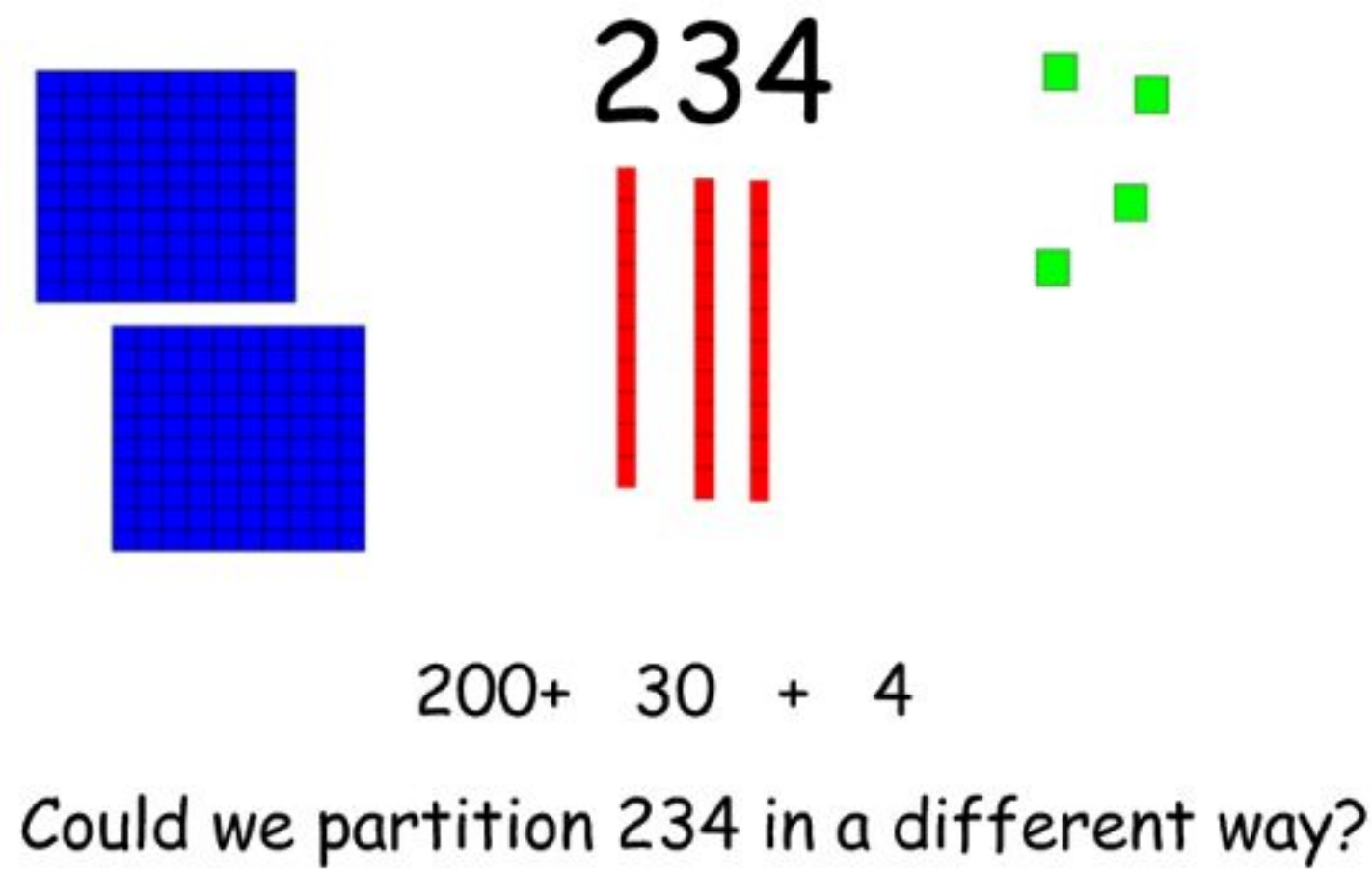
6 is greater than 5 so we add one more to the 4.

5<u>5</u>0

The ones then becomes zero.

MATHS: To partition 3-digit and 4-digit numbers in different ways.

Here is an example of 234 partitioned into hundreds, tens and ones.



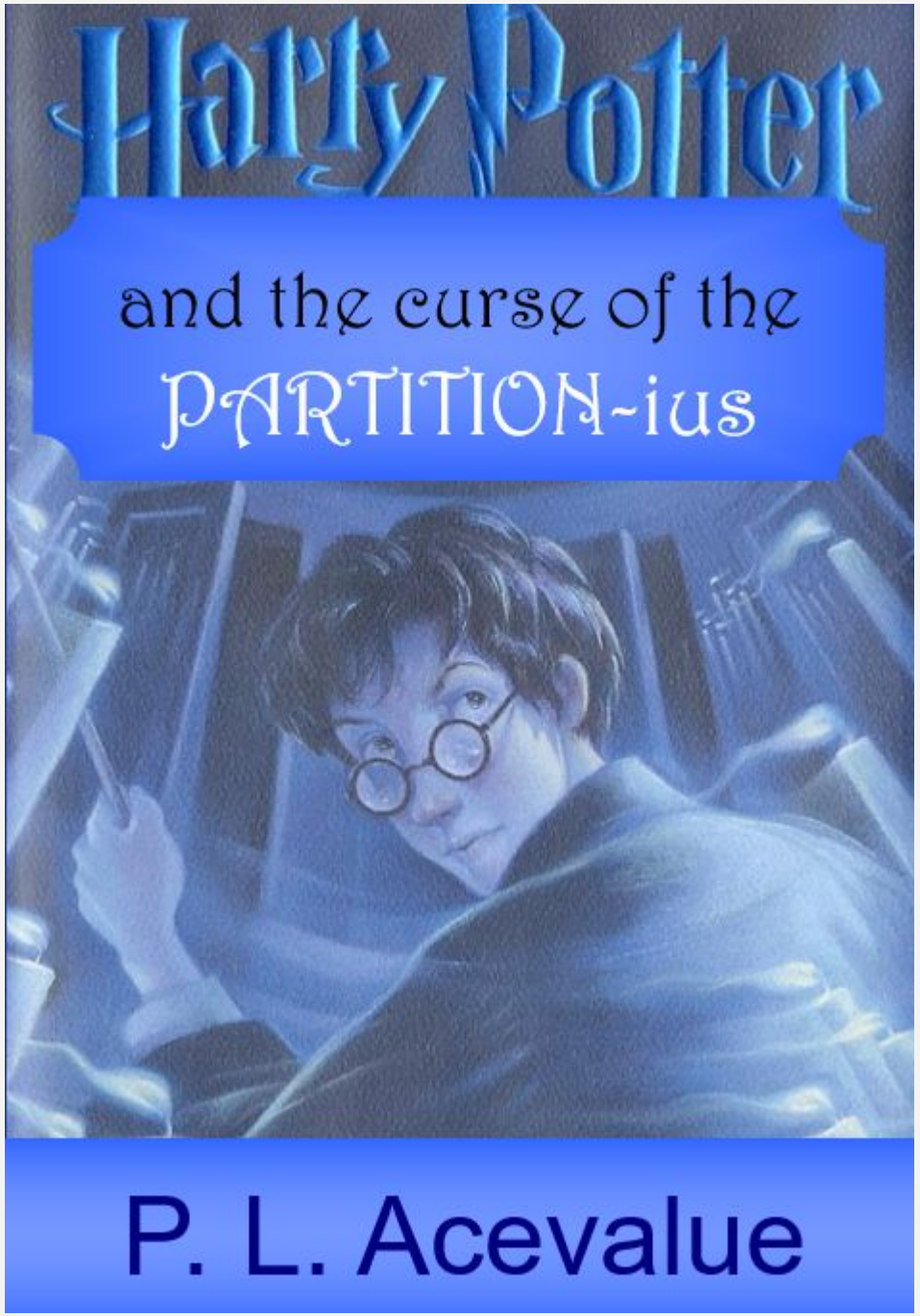
We could also partition 234 like this:

100, 230 and 4.

Or:

100, 100, 50, 50, 30 and 4.

How many ways can you find? You could imagine this as 234p and use coins to partition it, or you could draw a bar model to split it, as well as using numbers.

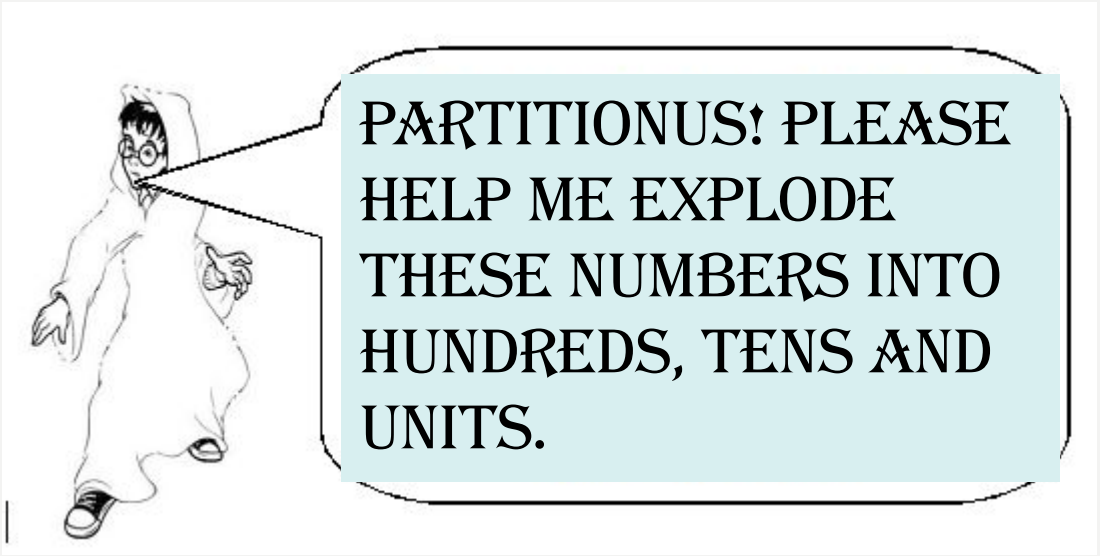


Harry needs your help to help him partition 3 and 4-digit numbers in as many ways as you can!

Harry Potter is learning a new spell in his mathematical arts lessons.

The **partition**-ius spell (when fully mastered) will explode any number into **hundreds**, **tens** and **units**.

PARTITIONUS



Challenge 1: How many ways can you find to partition these 3-digit numbers?

1.) 476

2.) 551

3.) 319

4.) 999

5.) 634

6.) 712

7.) 447

8.) 222

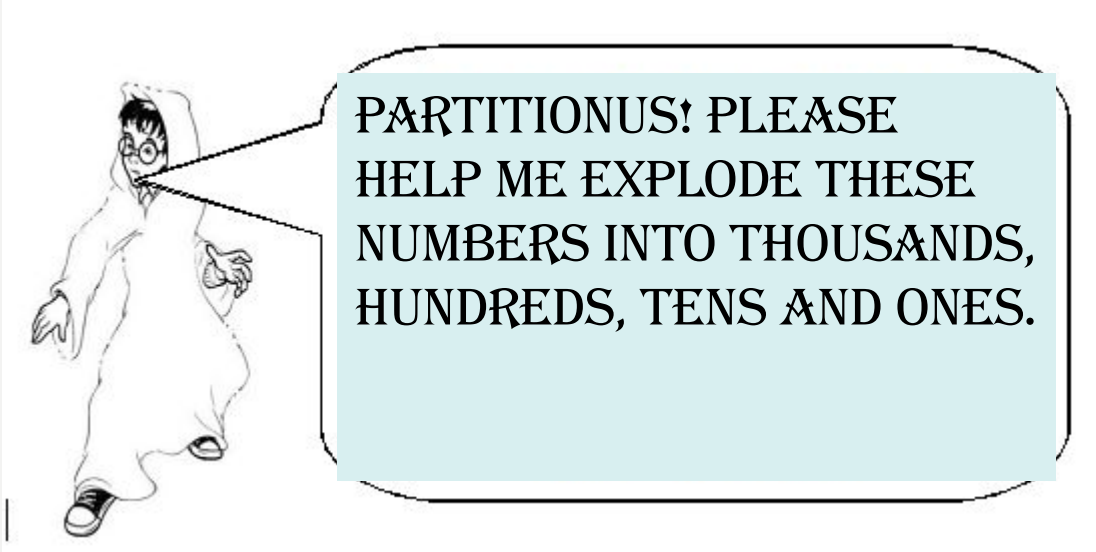
9.) 198

10.) 575

<u>Reasoning</u>

Are there any tens to partition in 306? Explain your answer.

Tess says you could partition 400 into tens. Is she right? Show how she could or couldn't.



Challenge 2: Can you partition these 4-digit numbers in different ways?

1.) 2355

2.) 4996

3.) 1054

4.) 3548

5.) 2773

6.) 8025

7.) 1500

8.) 4111

9.) 6722

10.) 1070

<u>Reasoning</u>

Oscar says that he could partition 8025

into 6 x 1000s, 10 x 200s, 20 and 5. Is he correct? Explain your answer.

Pippa says she can partition 1054 into 22 x 50 and 4. Is she correct? Explain your answer.

ENGLISH:

To turn our lighthouse keeper responses into quotations using direct speech.

Today you will be taking your responses from the lighthouse keeper on Friday's lesson and putting them into direct speech.

We will then use these in our newspaper reports which we will work on the rest of the week.

Watch the clip below to remind yourself of how to use inverted commas (speech marks).

https://www.bbc.co.uk/bitesize/clips/zvftsbk

Now that you have reminded yourself of how to use speech marks, rewrite your responses from the lighthouse keeper adding in speech marks at the start and the end of his comment.

After you have done this, you will need to add a reporting verb – this is a word like *said* paired with the person speaking.

For example, *shouted the man*.

Try to use more interesting reporting verbs than said. Think about how the lighthouse keeper will be feeling about what he is saying and choose a verb that fits with this.

Example: "When I realised the light wasn't shining, I raced to the top of the lighthouse in fear," exclaimed the lighthouse keeper.

Extension: Make a word map of reporting verbs other than said that you can use in your future work.

Mexico

This week we will be trying to create some Mexican arts and crafts.

1.) Create some tissue paper fan decorations for Cinco de Mayo.

2.) Paint some stone cacti.

3.) Follow this tutorial to make a mini maraca and mini sombrero:
http://www.redroko.com/2009/04/15-minutes-make-it-cinco-de-mayo.html

4.) Try sewing some sugar skull sachets using this tutorial:
http://adventures-in-making.com/diy-felt-sugar-skull-sachets/

5.) Try making some 'nichos'.
https://www.kitchentableclassroom.com/diy-nicho-boxes/
Can you find out the history behind them and which celebration they are offerings for?