

Monday 22nd June - Friday 26th June

Monday

Daily warm up - 5 bronze calculations from Corbett Maths (June 22) or 5 calculations from Arithmetic Exercise 2 - it's your choice!

<https://corbettmaths.com/5-a-day/primary/>

Place Value and Algebra

Revision

Rounding numbers to the nearest 10, 100 or 1000 (take this one step at a time)

Mathematical Talk

What is a multiple of 10?

Which multiples of 10 does 247 sit between?

Which column do we look at when rounding to the nearest 10?

What do we do if the number in that column is a 5?



Activity

1. Round four 2-digit numbers to the nearest 10.
2. Round four 3-digit numbers to the nearest 10.
3. Round four 4-digit numbers to the nearest 10.

Mathematical Talk

What is a multiple of 100?

Which multiples of 100 does 263 sit between?

Which column do we look at when rounding to the nearest 100?

Activity

1. Round these four 3-digit numbers to the nearest 100.

461 875 718 149

2. Round four 4-digit numbers to the nearest 100.

Mathematical Talk

What is a multiple of 1000?

Which multiples of 1000 does 2634 sit between?

Which column do we look at when rounding to the nearest 1000?

Activity

Round four 4-digit numbers to the nearest 1000.

Tuesday

Daily warm up - 5 bronze calculations from Corbett Maths (June 23) or 5 calculations from Arithmetic Exercise 2 - it's your choice!

<https://corbettmaths.com/5-a-day/primary/>

Reasoning and Problem Solving

Break it Up!

<https://nrich.maths.org/2284>

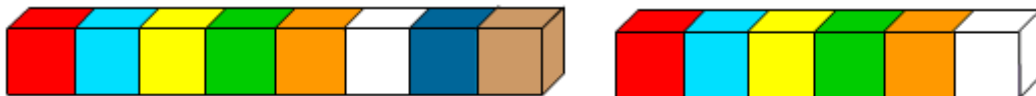
You have a stick of 7 interlocking cubes. You cannot change the order of the cubes.



You break off a bit of it leaving it in two pieces.
Here is 1 of the ways you can do it:



In how many different ways can it be done?
Now try with a stick of 8 cubes and a stick of 6 cubes:



Make a table of your results like this:

Number of Cubes	Number of ways
6	
7	
8	

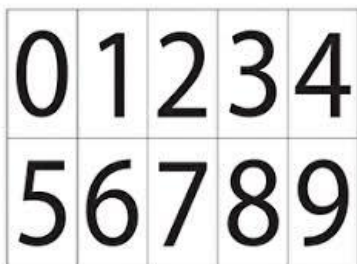
Now predict how many ways there will be with 5 cubes. Were you right?
How many ways with 20 cubes? 50 cubes? 100 cubes?
ANY number of cubes?

Wednesday

Daily warm up - 5 bronze calculations from Corbett Maths (June 24) or 5 calculations from Arithmetic Exercise 2 - it's your choice!
<https://corbettmaths.com/5-a-day/primary/>

Reasoning and Problem Solving

Make a set of digit cards and cut them out so that you can move the digit cards around.



How many 4-digit numbers can you make to fit the following rules

- The tens digit is 4
- The hundreds digit is 3 more than the ones digit
- The four digits have a total of 14

How do you know when you have found all the solutions? Can you work systematically?

Thursday

Daily warm up - 5 bronze calculations from Corbett Maths (June 25) or 5 calculations from Arithmetic Exercise 2 - it's your choice!
<https://corbettmaths.com/5-a-day/primary/>

Reasoning and Problem Solving

Use the clues and your digit cards from yesterday to find the missing numbers.

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- The thousands and tens digit multiply together to make 36
- The hundreds and tens digit have a digit total of 9
- The ones digit is double the thousands digit
- The whole number has a digit total of 21

Friday

Daily warm up - 5 bronze calculations from Corbett Maths (June 26) or 5 calculations from Arithmetic Exercise 2 - it's your choice!

<https://corbettmaths.com/5-a-day/primary/>

Activity

Missing number problems - have some fun today and see how long it takes you to work out the missing numbers in these calculations.

You can send me your top tips for working out the missing numbers if you like. Use the Blank Email Template in 2Publish Plus in English on Purple Mash - leave your top tips in the 2020 folder and I will read them.