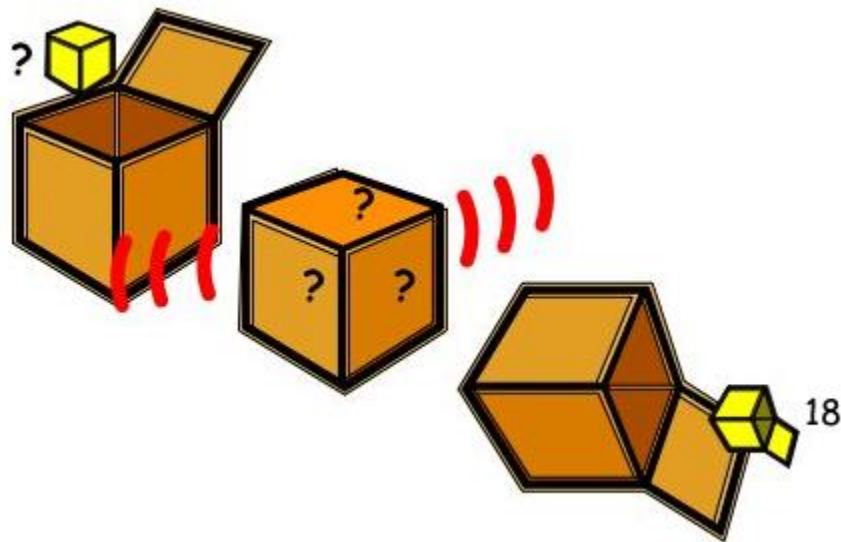


Year 6 Maths

What Was in the Box?

<https://nrich.maths.org/7819>

A number in a little box is put into a wonderful big box that adds something to the number and then a new number comes out at the end:



The first time this happens, 10 is put into the little box, so what happened in the big box to get the answer in the picture above?

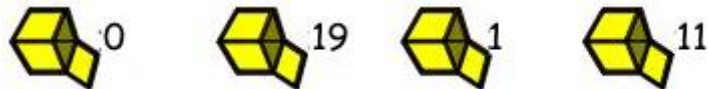
Now three more boxes with new numbers in, go into the wonderful box one at a time. It still does the same as before.



So, what were the three new numbers that went in? Remember that the wonderful big box did the same for all four numbers that went in.

Extension

Imagine four new boxes now (with new numbers in) and the wonderful box does a new and different add or take away this time. For one of these boxes the number 10 was put in. The numbers that come out are these:



What could have happened? How did you work these out?

Discuss with others and see if there were different ways that you found the answers.

Year 6 English

Spelling Challenge Activity

Paragraph Challenge

Write a paragraph with several sentences that include each of your spelling words. Can you use them all so that the paragraph makes sense?

Your words are:

Determined

Immediately

Criticise

Suggest

Necessary

Physical

Year 6 PSHE

Making Negative Thoughts into Positive Thoughts Often, we think negatively about a situation or an event that has happened or is about to happen. When we think negatively, we are likely to carry on thinking negatively, which helps to make the thought more powerful. When this happens, it is really difficult to find positive thoughts. This can lead to a one-sided view of a situation or event which is often not a true judgement. Please complete the table below so you can see how you can change negative thoughts into positive thoughts.

Negative Thoughts	Positive Thoughts
My friends don't like me anymore because I can't go to the party on Saturday night.	
I am not good at maths because I only got 16 out of 20 correct in my test.	
I don't want to move house as I won't make any new friends and I will be lonely.	
My new school won't be as good as my current school.	

