

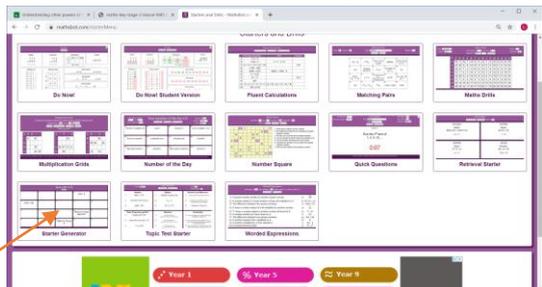
## Year 6 remote learning for 04/02/2021

### Mathematics lesson:

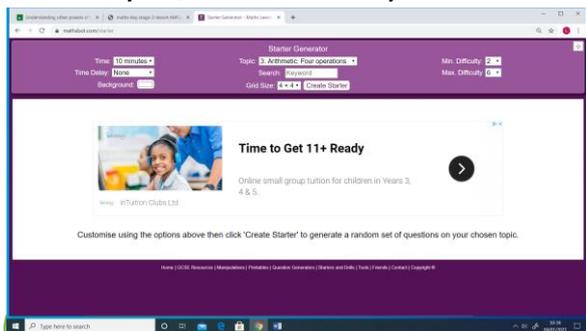
5-a-day booklet first. Answers can be found on: <https://corbettmathsprimary.com/2018/05/30/5-a-day-november-answers/>

### Mental maths:

Use mathsbot as we normally do in class. <https://mathsbot.com/starterMenu>



Choose starter generator. Then choose time: 10 minutes, topic: four operations, min difficulty: 2, max difficulty 6. Then click create starter.



You will have 10 minutes to complete the starter as we would do normally in class. Once the time has run out, click each box to reveal the answers.

### Main part of the lesson – Negative numbers continued.

**Activity 1:** Yesterday we recapped negative numbers. Today we are going to focus on adding and subtracting whole and negative numbers.

This link goes through how to add and subtract whole and negative numbers if you are unsure. <https://www.youtube.com/watch?v=BgbIvF90UE>

**Activity 2:** I would like you to have a go at the questions on the next pages. The first set are addition questions. The second set are subtraction questions. Answers are on the following pages.

★		★★		★★★	
A1.᠖	-13 + 11	B1.᠖	9 + -2	C1.᠖	15 + -11
A2.᠖	-13 + 2	B2.᠖	-5 + -3	C2.᠖	-15 + 21
A3.᠖	4 + -4	B3.᠖	7 + -5	C3.᠖	-25 + -16
A4.᠖	12 + -9	B4.᠖	-3 + 15	C4.᠖	-24 + 11
A5.᠖	-2 + 10	B5.᠖	-3 + -11	C5.᠖	-11 + 8
A6.᠖	-12 + 7	B6.᠖	-10 + 15	C6.᠖	-10 + -6
A7.᠖	10 + -9	B7.᠖	-4 + -17	C7.᠖	-10 + -14
A8.᠖	4 + -13	B8.᠖	4 + -16	C8.᠖	-24 + 4
A9.᠖	-2 + 13	B9.᠖	-20 + -11	C9.᠖	20 + -1
A10.᠖	11 + -12	B10.᠖	-6 + -19	C10.᠖	3 + -9

★		★★		★★★	
A1.᠖	2 - -6	B1.᠖	-13 - -4	C1.᠖	1 - 29
A2.᠖	8 - -6	B2.᠖	15 - 15	C2.᠖	-33 - 28
A3.᠖	6 - -11	B3.᠖	5 - 19	C3.᠖	10 - -22
A4.᠖	10 - -9	B4.᠖	-1 - -12	C4.᠖	-36 - -19
A5.᠖	3 - -6	B5.᠖	-9 - -13	C5.᠖	-81 - 5
A6.᠖	-8 - 3	B6.᠖	-21 - -1	C6.᠖	-29 - -17
A7.᠖	1 - 8	B7.᠖	-16 - -1	C7.᠖	1 - -9
A8.᠖	10 - -6	B8.᠖	19 - -2	C8.᠖	-15 - 10
A9.᠖	5 - -2	B9.᠖	-16 - -3	C9.᠖	-72 - -21
A10.᠖	10 - 11	B10.᠖	18 - -8	C10.᠖	48 - -15

## Answers:

### Addition

★		★★		★★★	
A1.б	-2	B1.б	7	C1.б	4
A2.б	-11	B2.б	-8	C2.б	6
A3.б	0	B3.б	2	C3.б	-41
A4.б	3	B4.б	12	C4.б	-13
A5.б	8	B5.б	-14	C5.б	-3
A6.б	-5	B6.б	5	C6.б	-16
A7.б	1	B7.б	-21	C7.б	-24
A8.б	-9	B8.б	-12	C8.б	-20
A9.б	11	B9.б	-31	C9.б	19
A10.б	-1	B10.б	-25	C10.б	-6

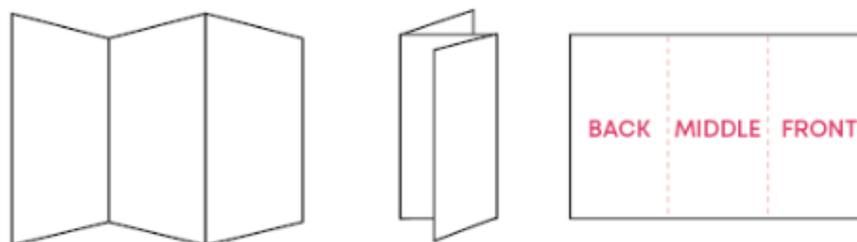
### Subtraction

★		★★		★★★	
A1.б	8	B1.б	-9	C1.б	-28
A2.б	14	B2.б	0	C2.б	-61
A3.б	17	B3.б	-14	C3.б	32
A4.б	19	B4.б	11	C4.б	-17
A5.б	9	B5.б	4	C5.б	-86
A6.б	-11	B6.б	-20	C6.б	-12
A7.б	-7	B7.б	-15	C7.б	10
A8.б	16	B8.б	21	C8.б	-25
A9.б	7	B9.б	-13	C9.б	-51
A10.б	-1	B10.б	26	C10.б	63

## English lesson:

**Activity 1:** Yesterday you up-levelled your paragraph using relative clauses and fronted adverbials. Today we are going to write our introduction page in our leaflet. You will need a plain piece of A4 paper. Fold as shown below.

### Z-Fold



The front page will be the front cover, the page on the back of the front cover will be the contents page so the next clean page will be the introduction to Pandora page. Write a heading for this page. Then write up your paragraph from your work yesterday and add a diagram or picture to the page.

## Spellings for the week:

### **Mrs. Rudd's group**

(Word families)

commit	misspell
committee	mislead
transmit	mistreat
submit	misbehave
commitment	mistrust
emit	misprint
permit	misuse
intermittent	misplace
omit	misheard
unremitting	misread

### **Mrs. Switzer's group**

Words with the Prefix mis-

## Science lesson:

This half term we are learning about the human body. We are now going to focus on how to keep our bodies healthy. Last week I asked you to keep a food diary. Today I would like you to work out the following for at least one day from your diary:

- Calories eaten in a day.
- Sugar eaten in a day.
- Salt eaten in a day.

To do this, you will need to find the sugar, salt and calories for each food item and then add them up. Below is the recommendations for a Year 6 child. Did you meet them?

### Recommendations from the NHS website:

- **Calories**

Age	Boys	Girls
7	6,900kJ /1,649kcal	6,400kJ /1,530kcal
8	7,300kJ /1,745kcal	6,800kJ /1,625kcal
9	7,700kJ /1,840kcal	7,200kJ /1,721kcal
10	8,500kJ /2,032kcal	8,100kJ /1,936kcal

But these figures are only a guide. Children may need more or less than these estimates depending on a number of factors, including how physically active they are.

- Children **aged** 7 to 10 should have no more than 24g of free **sugars** a day
- 7 to 10 years should eat no more than 5g **salt** a day (2g **sodium**) 11 years and over should eat no more than 6g **salt** a day (2.4g **sodium**)

**It is really important to remember that each person is different and may need more or less calories than others. However, it is a good idea to know roughly how many calories we need and to make sure we aren't regularly going over the recommended daily amounts of sugar and salt as this can lead to an unhealthy diet.**