

Friday 15th May

Dear Year 6,

We hope you and your families are keeping well and have had a good week.

Here are the activities for this week for you to follow and complete. Once you have finished today's activities, use the time to complete any unfinished work from this week. If you haven't already looked at them, take a peek at the fun SATs papers and have a go!

Try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz - just keep a record of what you have read.

As always, remember to take time to relax, exercise and be kind to yourselves and each other.

Take care and keep smiling,

Mrs Graham and Mrs North

English Activity 5a - Improving your portal story

Well done on completing your portal story 😊.

We hope that the door took you to an amazing adventure.

Now you need to read through your work carefully and find opportunities to correct, edit and improve it.

Use the Writing Mats on the next two slides to help you.

Writing Mat

Important Links!

Link your sentences and paragraphs using adverbials:

Time

Subsequently,
Later that day,

Place

Deep inside the forest,
Below the sea,

Frequency

Occasionally, Often,

Contrast/ Cause

On the other hand,
In contrast,

As a result, Consequently,

Manner/ Behaviour

Breathing heavily, Waiting
anxiously, Without warning,

Creating Cohesion Top

Tip: Not only can you use pronouns like he, she, it or they instead of repeating a name or names but how about other names or titles too? Here's some examples: the teacher, she, Mrs Smith, the lovely woman or the lady with the long hair.

Splendid Subordination!

Use these conjunctions in varied places in your multi-clause sentences:

if	because	as
before	after	until
unless	since	when

Be a Punctuation Professional:

A	Capital letters for sentences, initials and proper nouns.
.	Full stops
!	Exclamation marks for exclamations or surprise.
?	Question marks
'	Apostrophes for possession and missing letters.
,	Commas in lists, and sentences.
" "	Inverted commas for speech (Don't forget the commas too!).

Active and Passive

Use active and passive sentences appropriately:

Active: In front of millions of screaming fans, the star striker missed a vital penalty.

Passive: In front of millions of screaming fans, a vital penalty was missed by the star striker.

Perfect Parenthesis!

Use brackets, commas or dashes to punctuate extra information and asides:

The tomb of Tutankhamen (the Ancient Egyptian pharaoh) was discovered by Howard Carter.

The advancing alien, who was speaking a Martian language, looked dangerous.

The daffodils – my favourite sign of spring – swayed gently in the woodland breeze.

Use a thesaurus to look for more ambitious synonyms. Why use 'frightened' when you could use...

startled alarmed apprehensive

Or 'show' a character's feelings:

his breathing quickened

her heart raced

sweat trickled gasping for air

Be a Punctuation Professional!

Use semi colons, colons and dashes to mark independent clauses:

It felt like forever- the longest six weeks holiday of all time.

Jack's eyes slowly opened; there was no one to be seen.

They all knew his secret: he was a specialist secret agent.

Important Links!

Link your sentences and paragraphs using time, place, frequency, contrast/cause and manner adverbials, e.g.

Later that day, Deep inside the forest, Occasionally, On the other hand, Consequently, Waiting anxiously,

Modal Verbs

Use modal verbs to describe the possibility of something happening.

We **ought** to go and see Granny today.

You **shall not (shan't)** go to the ball.

Writing Mat

Spellings... I need to know all of these:			
accommodate	correspond	hindrance	recognise
accompany	criticise	individual	recommend
according	curiosity	interfere	relevant
achieve	definite	interrupt	restaurant
aggressive	desperate	language	rhyme
amateur	determined	leisure	rhythm
ancient	develop	lightning	sacrifice
apparent	dictionary	marvellous	secretary
appreciate	embarrass	mischievous	shoulder
attached	environment	muscle	sincere
available	equip(-ped)	necessary	sincerely
average	equipment	neighbour	soldier
awkward	especially	nuisance	stomach
bargain	exaggerate	occupy	sufficient
bruise	excellent	occur	suggest
category	existence	opportunity	symbol
committee	explanation	parliament	system
communicate	familiar	physical	temperature
community	foreign	prejudice	thorough
competition	forty	privilege	twelfth
conscience	frequently	profession	variety
conscious	government	programme	vegetable
controversy	guarantee	pronunciation	vehicle
convenience	harass	queue	yacht

Managing Formality!

Where appropriate, can you switch between levels of formality from formal to informal?

passive sentence structures

precise, formal word choices

independent clauses marked with semi-colons or colons

A survey **has been published** this week, which says almost 50% of the UK **population** believe that there is other intelligent life out there within the universe; **in fact**, it is a mainstream viewpoint shared across most of the western world. **So, what do you think?** Martians, aliens, **little green men** – or whatever you want to call them – after years of searching, have yet to be found anywhere in the universe. Does that mean they ever will, **who knows?**

question tags

colloquialisms, slang or less formal language

refer directly to the reader

Create a Mood!

Where appropriate, in formal writing, use the subjunctive mood:

If I were The Queen, ...

Were there to be a change in my circumstances...

Use a thesaurus to look for more ambitious synonyms. Why use 'frightened' when you could use...

startled alarmed
apprehensive

Or 'show' a character's feelings:

his breathing quickened
her heart raced
sweat trickled
gasping for air

Check for:

- consistent tense and person
- subject/ verb agreement
- paragraphs with cohesive links
- genre features
- layout devices
- pronouns/ nouns for cohesion

Perfect Parenthesis!

Use brackets, commas or dashes to punctuate extra information and asides:

The tomb of Tutankhamen (the Ancient Egyptian pharaoh) was discovered by Howard Carter.

The advancing alien, who was speaking a Martian language, looked dangerous.

The daffodils – my favourite sign of spring – swayed gently in the woodland breeze.

Active and Passive

Use active and passive sentences appropriately:

Active: In front of millions of screaming fans, the star striker missed a vital penalty.

Passive: In front of millions of screaming fans, a vital penalty was missed by the star striker.

Punctuation Reminders:

A . ! ? ' , " " () ... : ; -

Use a full range of punctuation.

Maths Activity 5a - ten in ten 😊

1. Which of these numbers is **not** a multiple of 4?
36 62 28 52 72 88

2. Add up all the odd numbers between 20 and 26.

3. Solve $2x = 12$

4. The perimeter of a rectangle is 12cm. The area is 5cm^2 . What is the length of the sides?

5. Write down all the prime numbers between 30 and 40.

6. $52.76 = 52 + 0.7 + \underline{\hspace{2cm}}$

7. Convert $1\frac{7}{6}$ to a mixed number.

8. Write 'a' on each acute angle. How many are there?



9. The time is 7:25pm. What is the 24-hour clock time?

10. $\frac{1}{5} + \frac{1}{4}$

You know the rule!

Ten minutes to answer ten questions 😊

Maths Activity 4 - using function machines to write generalisations

We have included a Learning Reminder that will help you with answering today's questions.

If you get stuck, there is also a 'Function Detective' sheet to try

Don't forget that you can also use your Maths revision book to help you.

Learning Reminder

Make generalisations; Understand and use simple formulae.

This machine does two things, one after the other, to each input.

input	output
2	5
3	7
10	21
100	201

do fit function rule

do not fit function rule

input 3 digits

output 3 digits

input values

output values

check values

Input 2 numbers and try to guess the rule of the function machine.

Someone has tested some inputs and outputs. Look at them and see if you can work out what the machine is doing...

Make generalisations; Understand and use simple formulae.

This machine does two things, one after the other, to each input.

input	output
2	19
3	29
5	49
10	99

do fit function rule

do not fit function rule

input 3 digits

output 3 digits

input values

output values

check values

Input 2 numbers and try to guess the rule of the function machine.

Someone has tested some inputs and outputs. Look at them and see if you can work out what the machine is doing...

Learning Reminder

Make generalisations; Understand and use simple formulae.

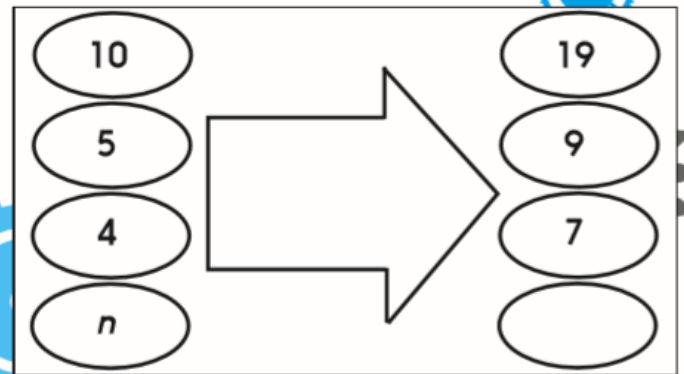
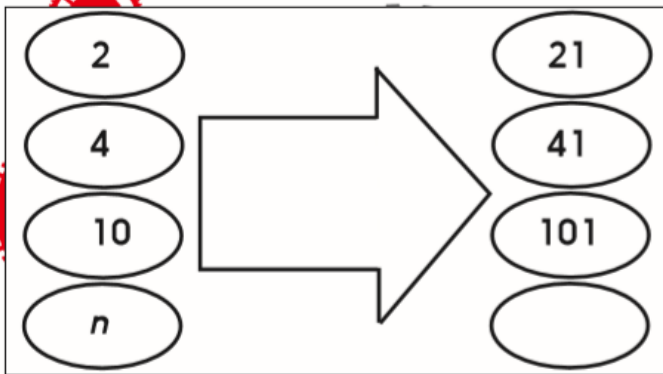
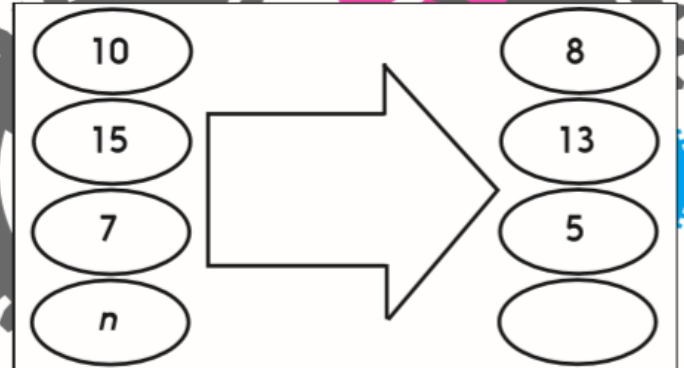
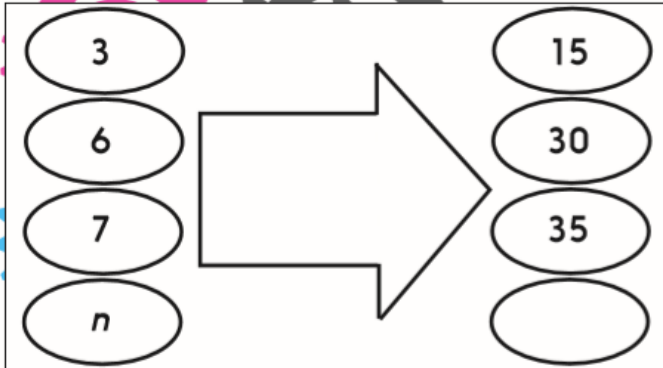
Function machine rules

- The first function machine: $\times 2, + 1$. If n is the input, the number we put into the machine, we can write the output as $2n + 1$, which means we double the input, then add 1.
- The second function machine: $\times 10, - 1$. If n is the input, we can write the output as $10n - 1$.

Maths Activity 5b ** and 5b***

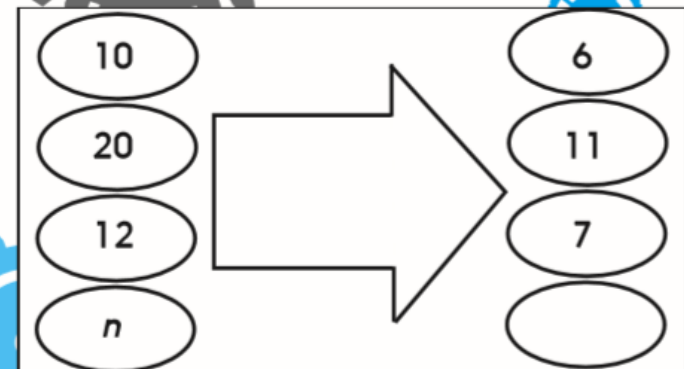
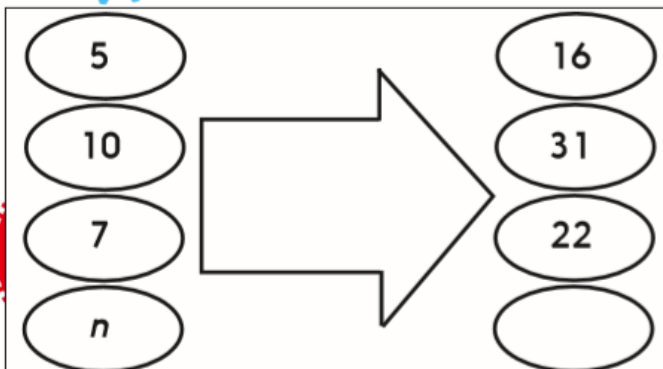
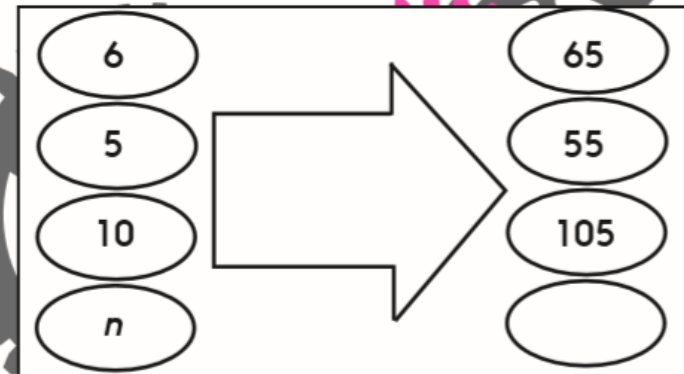
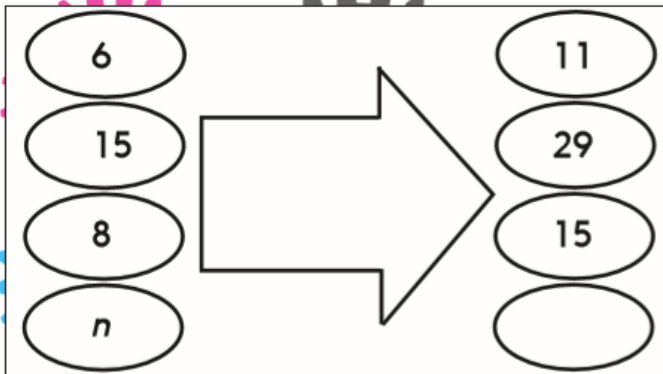
** Function machines

Work out what each function machine does. Write the output when n is the input.



*** Function machines

Work out what each function machine does. Write the output when n is the input.



If you're stuck - Function Detective

Look at the inputs and outputs. What calculation(s) is each machine doing?

3	15
4	20
10	50
100	500

2	13
3	14
5	16
10	21

10	3
20	13
15	8
7	0

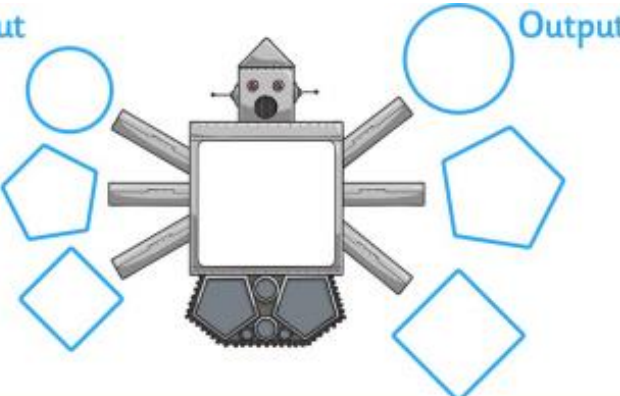
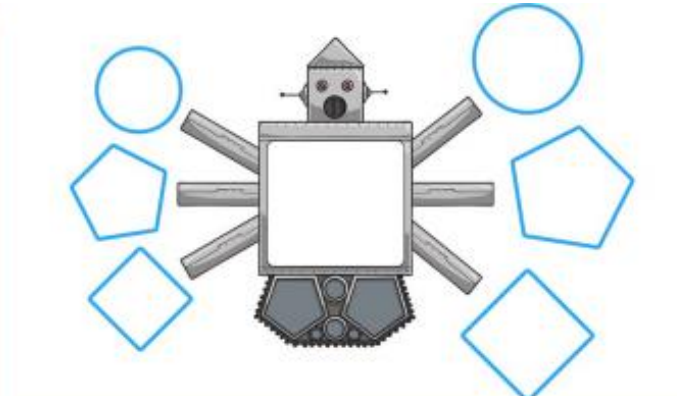
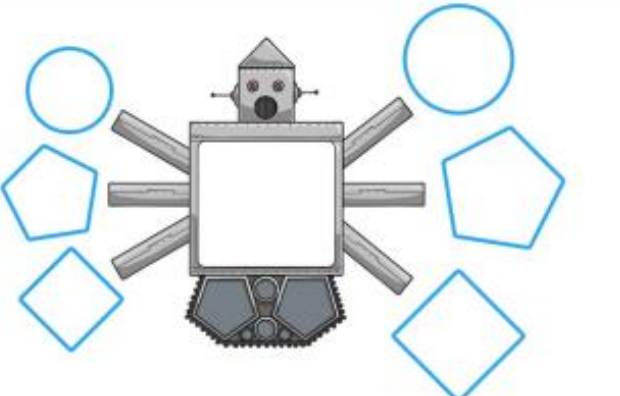
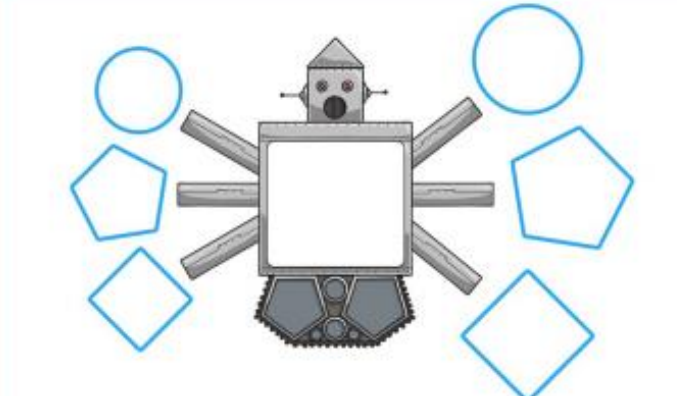
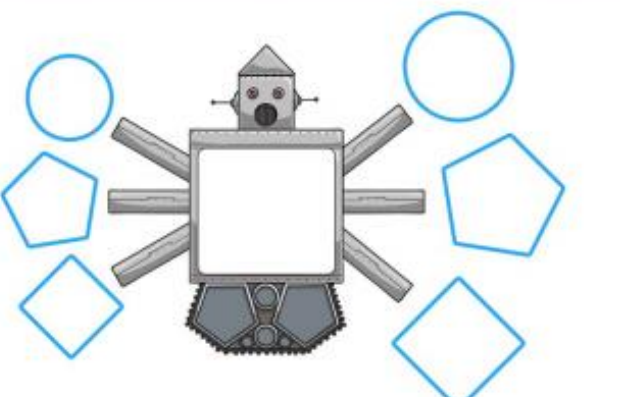
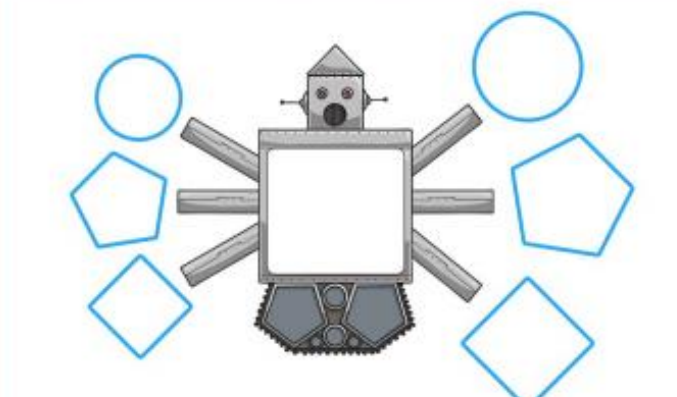
2	40
3	60
4	80
5	100
10	200

S-t-r-e-t-c-h:


Can you write a formula for each machine where n is the input?

Maths Activity 5c - challenge

Create your own two step function machines.
Choose 3 inputs and find their outputs. Give it to someone at home to solve?
Can they discover your secret function?

Input	Output
	
	
	

ANSWERS Activity 5a - Ten in ten

1. Which of these numbers is not a multiple of 4? 36 62 28 52 72 88	62
2. Add up all the odd numbers between 20 and 26.	21+23+25=69
3. Solve $2x = 12$	$x = 6$
4. The perimeter of a rectangle is 12cm. The area is 5cm^2 . What is the length of the sides?	1 cm and 5 cm
5. Write down all the prime numbers between 30 and 40.	31, 37
6. $52.76 = 52 + 0.7 + \underline{\hspace{2cm}}$	0.06
7. Convert $1\frac{5}{6}$ to a mixed number.	$2\frac{5}{6}$
8. Write 'a' on each acute angle. How many are there? <div style="text-align: center; margin: 10px 0;"></div>	2 acute angles
9. The time is 7:25pm. What is the 24-hour clock time?	19:25
10. $\frac{1}{5} + \frac{1}{4}$	$\frac{9}{20}$

ANSWERS Maths Activity 5b ** and ***

** Function machines

$$3 \times 5 = 15$$

$$6 \times 5 = 30$$

$$7 \times 5 = 35$$

$$5n$$

$$10 - 2 = 8$$

$$15 - 2 = 13$$

$$7 - 2 = 5$$

$$n - 2$$

$$2 \times 10 + 1 = 21$$

$$4 \times 10 + 1 = 41$$

$$10 \times 10 + 1 = 101$$

$$10n + 1$$

$$10 - 1 + 10 = 19$$

$$5 - 1 + 5 = 9$$

$$4 - 1 + 4 = 7$$

$$2n - 1$$

*** Function machines

$$6 - 1 + 6 = 11$$

$$15 - 1 + 15 = 29$$

$$8 - 1 + 8 = 15$$

$$2n - 1$$

$$6 \times 10 + 5 = 65$$

$$5 \times 10 + 5 = 55$$

$$10 \times 10 + 5 = 105$$

$$10n + 5$$

$$5 \times 3 + 1 = 16$$

$$10 \times 3 + 1 = 31$$

$$7 \times 3 + 1 = 22$$

$$3n + 1$$

$$10 \div 2 + 1 = 6$$

$$20 \div 2 + 1 = 11$$

$$12 \div 2 + 1 = 7$$

$$n \div 2 + 1$$

ANSWERS Function Detective

1. $\times 5$ $n \times 5$
2. $+11$ $n+11$
3. -7 $n-7$
4. $\times 20$ $n \times 20$