## Whitnash Primary School Learning, growing and succeeding together



#### Year 6 Home Learning Menu week Beginning 8-6-2020

Hello Year Six! Due to being a little delayed, this menu is for next week. There's a lot of work so pick and choose. We have another 'Talk for Writing' unit and a more 'White Rose Maths' lessons that cover the 2 weeks ~ again, pick and choose.

This menu is set for the next week for you to do what you can and practice as many skills as possible.

Remember, the best thing you can do is read EVERYDAY and practise rapid mental maths or X tables.

Where you can, try to complete some of our short Maths and short English activities and/or the attached units. By doing this, you'll be doing the right thing to practice skills ready for your return to school.

REMEMBER ~ you can always look for slightly less challenging work in another year group. Any Maths or English is great practise.

Send me examples of your work. Also, PLEASE send me some amazing pieces for the school book. You'll be part of something special and will help to build another memento, for our class, from Whitnash Primary.

Send any work to ellison.d@welearn365.com or post it to school

Mark work 'For Mrs Ford' or 'School Book'

I'm missing you loads but Keep Going!

#### ENGLISH ~ Rainforest Topic

Our first five activities are linked to rainforest learning. It will help to do them in order but you do not have to.

Remember to label your work with the date and a clear title

#### READING

Read 'Tribes of the Rainforest' text English 'Activity sheet 1

Answer the questions attached to that

\*Read the text on screen & write the answers in your purple book.

#### CREATIVE

Draw a picture of a Rainforest Tribesperson

No Activity sheet ~ Be Creative!

\*Think about text and create a character that reflects what has been written about the tribespeople.

#### SPELLING

Pick five key spellings that fit the information mentioned in 'Tribes of the Rainforest

English Activity sheet 2

\*Learn the spelling Write them in sentences about the 'Rainforest Calling' characters or features.

#### GRAMMAR

Use appropriate conjunctions to link sentences

English Activity sheet 3

Keep looking at the example

Switch the sentences around. Keep the same nouns,

#### WRITING

Write a balanced argument 'Should the tribes be forced to change how they live?'

#### English Activity sheet 4

Include information from the Guided Reading and key GREEN phrases from the planning frame

\*Focus on the conjunctions explored in the Grammar activity

### English ~ Talk for Writing Unit

Here you have the opportunity to explore different, creative Writing. This is not linked to topic but may inspire you in a different way. Have a go.

<u>Click on the unit Pack on the website or</u>

https://www.talk4writing.com/wp-content/uploads/2020/05/Y6-Gadgets.pdf

This unit contains thirteen activities. You can access it and try one activity a day/a time or do a few at a time.

Please don't worry if you need to leave an activity.

However, why not use this to create a final piece for the school book and become a PUBLISHED AUTHOR?

Too Challenging? CLICK ON another year group and look for inspiration from their 'Talk4Writing pack' ... It's all good practise.

# Tribes of the Rainforest

Rainforests are fascinating ecosystems. Our rainforests are not just home to animals and plants; they are also home to groups of people. There are many tribes of people who call the rainforest home but the most well-known are the Yanomami tribe, the pygmy tribe and the Huli tribe.

#### The Yanomami Tribe

The Yanomami tribe live in the South American rainforest. Some of those in this tribe have had little or even no contact with the outside world. It is believed that there are around 35 000 people in this tribe living in the rainforest.

The Yanomami place a great deal of importance on equality. As a result of this, they have no chiefs, unlike many other tribes.

They live in very large circular houses that have no coverings over their central areas. There can be as many as 400 people living in one of these houses. The area in the centre is kept for social gatherings and families have their own space for sleeping and cooking around the covered section.

When it comes to clothing, the Yanomami do not wear a great deal because of the hot climate. They like to decorate themselves with flowers and feathers. They also will often pierce their faces with bones as further decoration.

As a tribe, the Yanomami rely on the rainforest to provide for their needs, both in terms of food and medicine. They also grow their own crops and will fish too.

Sadly, there are many threats to the Yanomami way of life, such as disease, lack of healthcare, the development of gold mines and

the expansion of cattle farms.

#### The Huli Tribe

The Huli tribe are another tribe who are indigenous to the rainforest. They live in Papua New Guinea and it is thought there are around 65 000 in the tribe.

Nowadays, only around 10% of the Huli population live in the traditional way, as many have adopted a more western lifestyle.

However, for those who still hold to the traditions, their traditional houses are made from grass and tend to be round. All of the men in the tribe live together, often at the centre of the village. The women and children share houses further out from the centre.

One of the most interesting traditions of Huli culture is their tradition for growing wigs! The male members of the tribe will grow their hair in special ways, adding feathers from various exotic birds. The wigs are cut off every once in a while and sold, sometimes for a lot of money. However, this practice must stop once the Huli man gets married! Older men who are experienced and skilled in this art are very sought after. Many are concerned that, because of the increasing westernisation of the tribe, the wig-growing skills will soon be lost.

## The Pygmy Tribe

The pygmy tribe can be found in the rainforest of West and Central Africa. This is the largest of the tribes; it is estimated that their population is around half a million.

The Pygmy tribe are distinctive because of their small stature, although this helps them in their rainforest environment. Many pygmies now wear western clothing but their traditional dress is made from bark and leaves.

Music plays an important part in the lives of the pygmy tribe and they particularly enjoy using their voices in harmony.

The pygmy tribe traditionally live in huts, built with bits of trees and leaves from the rainforest. They also rely on the rainforest for their food and for ingredients for their medicine. Hunting is an important part of pygmy life and they hunt for wild animals to eat. Before they go hunting, the people from the tribe perform a ceremony in which they ask permission from the spirits of the rainforest to hunt its animals.

The pygmy tribe faces many threats to their way of life. Conservation projects, farmers, poachers and disease all threaten to erode this way of life which has taken place in the rainforest for many generations.

# Questions

1.	How do the Yanomami decorate themselves?
2.	Why do the Yanomami not wear a lot of clothing?
3.	What threats are the Yanomami facing?

4.	What percentage of the Huli tribe does not live in a traditional way?
5.	Describe the wig tradition of the Huli tribe, using your own words where possible.
6.	When do the Huli men have to stop trying to grow their wigs?
7.	Find and copy one word which means 'to stand out'.
8.	For what reason do the pygmy tribe perform a ceremony before they hunt?
9.	Why do you think disease might be a particular problem for the pygmy tribe?
10.	Choose a tradition mentioned in the passage from any of the tribes that you are most interested in and explain why.

# Year 5 and 6 Statutory Spellings

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



## Tribes of the Rainforest ~ Conjunctions

Carefully choose and use suitable conjunctions to join the sentences below.

Conjunctions:		in contrast, alternatively, despite this, instead, whereas, nevertheless, moreover, on the contrary, apart from, for all that, it is doubtful, all the same, yet					
		Conclusion and summary: therefore, finally, in conclusion, to summarise, in the end, overall, ultimately, after all, as a result, on the whole, in short					
Conclusion and summary: therefore, finally, in conclusion, to summarise, in the end, overall, ultimately, after all, as a result, on the whole, in short  EXAMPLE:  People know the rainforests are home to plants and animals. However, they are also home to people.  1. Some tribes have no contact with the outside world it is impossible to know exactly how many live in the rainforests.  2. The Yanomami Tribe place great importance on equality they do not have chiefs like other tribes.  3. Around 10% of the Huli population live in a traditional way many							
1.							
2							
3		% of the Huli population live in a traditional way many ted a modern way of life.					
4		nembers of the Huli tribe grow their hair to make wigsas soon as they are married.					
5	. The Westo survive.	ern way is increasing the art of wig making will					
6		tribe are small in stature this helps them in the					

### English Activity sheet 4 ~ Balanced Argument

Туре:	Balanced Discursive Argument
Purpose:	To present balanced arguments and information from differing viewpoints
Text Features:	Written in the present tense: (It is, there are, we know) Written in the third person formal style: (It is argued that, Many people think, Some would claim). First person for personal views (I, my) Rhetorical questions can be used for dramatic effect and to involve the reader (e.g. But is it right that? Who would disagree that?
	Statement of the issue; 3 arguments for and against; summary and conclusion.

Openers: Opinion: Some claim, Many people think/believe, They also argue that,  It is thought, Maybe, Possibly, We can see that, On the other hand Anothe						
	is, Furthermore, Therefore, On balance I feel					
Conjunctions:	Contrast and comparison: however, although, equally, similarly, compared to, in contrast, alternatively, despite this, instead, whereas, nevertheless, moreover, on the contrary, apart from, for all that, it is doubtful, all the same, yet  Conclusion and summary: therefore, finally, in conclusion, to summarise, in the end, overall, ultimately, after all, as a result, on the whole, in short					
Vocabulary:	controversial, debatable, disputed, discussion, argument, viewpoint, opinion, attitude, doubtful, perhaps, possibly, far from certain, perspective, contentious					

Title (often written as a question):

Should Tribes Change Their Way of Life?

Paragraph 1 states the issue under discussion:

There is a lot of discussion about whether...

Paragraph 2 states three arguments in favour, reasons and evidence:

Some people claim that...

They also argue that...

Another point they make is that...

Paragraph 3 states three arguments against, reasons and evidence:

However many people disagree with this viewpoint because...

They believe that...

Furthermore they would claim...

Paragraph 4 states which side of the argument the author agrees with and why:

Opinion may be divided on this issue...

However, on balance I think that...

I would tend to agree that...

#### Maths ~ ELEMENT ONE

Our first five activities are linked to Revising known Mental Maths, Reasoning and Problem Solving Skills

\*Remember to label your work with the date and a clear title

#### MULTIPLICATION

Count in multiples of any number. Write them out in your book

Or

Google 'Hit the Button' or 'Multiplication Bingo'

or

Write out XT facts on the attached sheet then ask a family member to test you.

#### Weekly Skills

Another chance to revise skills Maths Activity sheet 4a & 4b

Write the calculations in your purple book and find the answers.

\*Read questions on screen then write them out, with answers, in your purple book

## MENTAL MATHS CALCULATIONS

Five Daily Maths Quesions

Maths Activity sheet 1

Answer 5 mild, medium OR spicy questions each day.

\*Read the questions on screen then write them out, with answers, in your purple book

#### Reasoning: Perimeter

key reasoning problems

Maths Activity sheet 5

Copy and answer the questions in your purple book.

\*Try before your pry! Have a go then use the You tube link for help/answers

#### Today's number

key prompts to revise previous learning in Number

Maths Activity sheet 2

Choose a number, pick Mild or Spicy then follow the prompts and write the values in your purple book.

\*You could choose different numbers on different days and do this more than once

#### Reasoning: Angles and Lines

key reasoning problems Maths Activity sheet 6

Copy and answer the questions in your purple book.

\*Try before your pry! Have a go then use the You tube link for help/answers

#### **Revision Mat**

key questions to revise previous learning in Number Maths Activity sheet 3a or 3b (or both)

Copy each question and answer the questions in your purple book.

\*Read questions on screen then write them out, with answers, in your purple book

#### Reasoning: Measures

key reasoning problems

Maths Activity sheet 7

Copy and answer the questions in your purple book.

\*Try before your pry! Have a go then use the You tube link for help/answers

#### White Rose Maths Unit

Here you have the opportunity to explore a unit of Maths fluency, Reasoning and Problem Solving using the presentations and challenges you have seen in class. Have a go. CLICK ON:

https://whiterosemaths.com/homelearning/year-6/

This unit contains activities. You can click on week 5 then week 6 and try one activity a day/a time (ignore the dates)

Please don't worry if you need to leave an activity.

Too Challenging? CLICK ON another year group and revisit a unit... It's all good practise

### Maths Activity sheet 1 ~ CLIC style mental arithmetic questions

Mild	Medium	Spicy
1. 405 - 32.5 = 1. 42.76 x 7 =		1. A rectangular garden has an area of 42m <sup>2</sup> .
2. 5868 ÷ 12 =	2. 8 ÷ 10 =	The width is 4m. What is the length?
3. 10 <sup>2</sup> - 35 =	3. 3/10 × 4/5 =	2. What is the perimeter of the above garden?
4. 11.562 + 0.72 =	4. XXV =	3. 8c + 24 = 104 What is the value of c?
5. 10% of 600 =	5. 11% of 56 =	4. Convert 17:45 into a 12-hour format:
		5. What is 3/5 as a percentage?
Mild	Medium	Spicy
1. 53 x 26 =	1. 108.3 × 7 =	1. A rectangular garden has an area of 135m².
2. 7384 ÷ 13 =	2. 3 ÷ 10 =	The width is 15m. What is the length?
3. 11³ =	3. 3/10 × 6 =	2. How many days are in a leap year?
4. 0.553 + 0.82 =	4. LXIV =	3. 6c + 130 = 166 What is the value of c?
5. 1/10 of 80 =	5. 13% of 23 =	4. Convert 00:07 to a 12-hour format:
		5. What is 1/8 as a decimal?
Mild	Medium	Spicy
		· ·
Mild  1. 304 × 73 = 2. 8502 ÷ 13 =	Medium  1. 34.7 x 5 = 2. 9 ÷ 10 =	1. The dimensions of a triangle are 11cm × 16cm.
1. 304 × 73 =	1. 34.7 × 5 =	The dimensions of a triangle are 11cm × 16cm.  What is the area of the triangle?
1. 304 x 73 = 2. 8502 ÷ 13 =	1. 34.7 x 5 = 2. 9 ÷ 10 =	1. The dimensions of a triangle are 11cm × 16cm.
1. 304 x 73 = 2. 8502 ÷ 13 = 3. 4 <sup>3</sup> + 5 <sup>2</sup> =	1. 34.7 x 5 = 2. 9 ÷ 10 = 3. 3/7 x 7 = 4. What is a 2D five sided	<ol> <li>The dimensions of a triangle are 11cm x 16cm.         What is the area of the triangle?</li> <li>How many days are in December?</li> </ol>
1. 304 x 73 = 2. 8502 ÷ 13 = 3. 4 <sup>3</sup> + 5 <sup>2</sup> = 4. 7.55 + 6.8 =	1. 34.7 x 5 = 2. 9 ÷ 10 = 3. 3/7 x 7 =	<ol> <li>The dimensions of a triangle are 11cm x 16cm.         What is the area of the triangle?</li> <li>How many days are in December?</li> <li>11c x 6 = 132 What is the value of c?</li> </ol>
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1. 304 x 73 = 2. 8502 ÷ 13 = 3. 4 <sup>3</sup> + 5 <sup>2</sup> = 4. 7.55 + 6.8 = 5. 1/10 of 72 =	<ol> <li>34.7 x 5 =</li> <li>9 ÷ 10 =</li> <li>3/7 x 7 =</li> <li>What is a 2D five sided shape called?</li> <li>13% of 47 =</li> </ol> Medium	<ol> <li>The dimensions of a triangle are 11cm x 16cm. What is the area of the triangle?</li> <li>How many days are in December?</li> <li>11c x 6 = 132 What is the value of c?</li> <li>Convert 22:08 into a 12-hour format:</li> <li>What is 3/8 as a decimal?</li> </ol>
1. 304 x 73 = 2. 8502 ÷ 13 = 3. 4³ + 5² = 4. 7.55 + 6.8 = 5. 1/10 of 72 =  Mild  1. 373 437 - 37208 =	1. 34.7 x 5 = 2. 9 ÷ 10 = 3. 3/7 x 7 = 4. What is a 2D five sided shape called? 5. 13% of 47 =  Medium  1. 27.6 x 3 =	<ol> <li>The dimensions of a triangle are 11cm x 16cm.         What is the area of the triangle?</li> <li>How many days are in December?</li> <li>11c x 6 = 132 What is the value of c?</li> <li>Convert 22:08 into a 12-hour format:</li> <li>What is 3/8 as a decimal?</li> <li>Spicy</li> <li>How many seconds are there in 12 minutes?</li> </ol>
1. 304 × 73 = 2. 8502 ÷ 13 = 3. 4³ + 5² = 4. 7.55 + 6.8 = 5. 1/10 of 72 =  Mild  1. 373 437 - 37208 = 2. 3612 ÷ 6 =	1. 34.7 x 5 = 2. 9 ÷ 10 = 3. 3/7 x 7 = 4. What is a 2D five sided shape called? 5. 13% of 47 =  Medium  1. 27.6 x 3 = 2. 23.471 x 1000 =	<ol> <li>The dimensions of a triangle are 11cm x 16cm. What is the area of the triangle?</li> <li>How many days are in December?</li> <li>11c x 6 = 132 What is the value of c?</li> <li>Convert 22:08 into a 12-hour format:</li> <li>What is 3/8 as a decimal?</li> <li>Spicy</li> <li>How many seconds are there in 12 minutes?</li> <li>How many hours are there in 15 days?</li> </ol>
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1. 304 × 73 = 2. 8502 ÷ 13 = 3. 4³ + 5² = 4. 7.55 + 6.8 = 5. 1/10 of 72 =  Mild  1. 373 437 - 37208 = 2. 3612 ÷ 6 = 3. 5² + 12 = 4. 47.8 - 13.05 =	1. 34.7 x 5 = 2. 9 ÷ 10 = 3. 3/7 x 7 = 4. What is a 2D five sided shape called? 5. 13% of 47 =  Medium  1. 27.6 x 3 = 2. 23.471 x 1000 = 3. 2/5 ÷ 7 = 4. 35 ÷ (12 - 7) =	<ol> <li>The dimensions of a triangle are 11cm x 16cm. What is the area of the triangle?</li> <li>How many days are in December?</li> <li>11c x 6 = 132 What is the value of c?</li> <li>Convert 22:08 into a 12-hour format:</li> <li>What is 3/8 as a decimal?</li> <li>Spicy</li> <li>How many seconds are there in 12 minutes?</li> <li>How many hours are there in 15 days?</li> <li>n + 755 = 4000 n = ?</li> <li>What is the size of ONE of the angles in</li> </ol>
1. 304 x 73 = 2. 8502 ÷ 13 = 3. 4 <sup>3</sup> + 5 <sup>2</sup> = 4. 7.55 + 6.8 = 5. 1/10 of 72 =  Mild  1. 373 437 - 37208 = 2. 3612 ÷ 6 = 3. 5 <sup>2</sup> + 12 =	1. 34.7 x 5 = 2. 9 ÷ 10 = 3. 3/7 x 7 = 4. What is a 2D five sided shape called? 5. 13% of 47 =  Medium  1. 27.6 x 3 = 2. 23.471 x 1000 = 3. 2/5 ÷ 7 =	<ol> <li>The dimensions of a triangle are 11cm x 16cm. What is the area of the triangle?</li> <li>How many days are in December?</li> <li>11c x 6 = 132 What is the value of c?</li> <li>Convert 22:08 into a 12-hour format:</li> <li>What is 3/8 as a decimal?</li> <li>Spicy</li> <li>How many seconds are there in 12 minutes?</li> <li>How many hours are there in 15 days?</li> <li>n + 755 = 4000 n = ?</li> </ol>

Mild	Medium	Spicy
1. 763 332 + 109 372 =	1. 15.08 x 7 =	1. How many seconds are there in a day?
2. 144 ÷ 12 =	2. 457.5 × 1000 =	2. How many hours are there in 3 weeks?
3. 8 <sup>3</sup> =	3. 5/7 ÷ 10 =	3. n + 263 = 1000 n = ?
4. 12.4 - 7.28 =	4. 55 ÷ (14 - 3) =	4. What is the total size of the internal angles
5. 10% of 4100 =	5. 25% of 1500 =	in a quadrilateral?
·		5. 4/9 of 4500 =

Pick a different number each day then complete the prompts on mild-medium or medium-spicy

(or do both sets if yo
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4.6	15.3	4.79	663	801
98.7	156.4	289.8	4473	Any number of your choice

\*Remember, start with your chosen number for each of the 9 prompts

#### Mild-Medium

- Spell it
- Write the value of the digit in the hundredth's column
- Find 1000 more
- Use it in a calculation then check it using the inverse
- Multiply it by 6
- Use two of the digits to create a fraction then multiply it by another fraction (example:  $85 = \frac{5}{8}$  so  $\frac{5}{8}X\frac{7}{8} = \frac{35}{64}$ )
- Divide it by a one digit number
- Round it to the nearest 100
- Write out the next 3 numbers, adding 3 each time

### Medium-spicy

- Double your number and spell the new value
- Round it to once decimal place
- Multiply it by 1000
- Use it in a BODMAS calculation then check it using the inverse
- Multiply it by a two digit number
- Use two of the digits to create a fraction then divide it by a (example:  $85 = \frac{5}{8}$  so  $\frac{5}{8} \div 5 = )$
- Divide it by a two-digit number
- Use some of the digits to write an algebraic calculation
   (example: 85 = 8A + 5 = 37 so...A= )
- Find the digit sum and find a value with the same digit sum

## Section 1

Fill in the missing numbers:

## Section 4

I think of a number.

I multiply it by 3.

I add 5.

I divide it by 8.

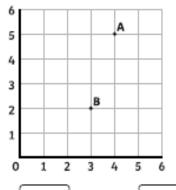
My answer is 4.

What was my number?



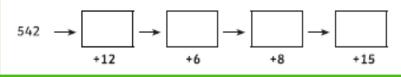
## Section 2

Write the coordinates for the following points:



## Section 3

Fill in the boxes.



## Section 8

Work out 480 ÷ 4.

Explain how you worked it out.

.....

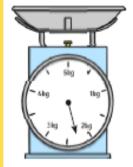
## Section 5

Write the equivalent decimal or fraction:

0.1

## Section 6

Round the weight to the nearest kg.



## Section 7

What time will it be in 1 hour and 35 minutes?



## Section 1

What is the value of the digit in the ten thousands place in the number 492 308?

## Section 2

A cinema sells 873 tickets. 237 are adult tickets, 174 are student tickets. The rest are child tickets. How many child tickets are sold?

## Section 3

Calculate:

9 3 7 4 4

## Section 4

Use <, =, or > to compare these fractions:

6 5	11 10
13 6	8 3
3 2	6 4

## Section 5

Calculate

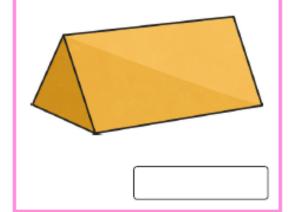
### Section 6

5 miles is 8 km

How many kilometres in 15 miles?

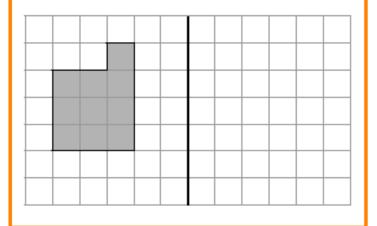
## Section 7

Name this shape:



### Section 8

Reflect this shape about the thick black vertical line.



## Maths Activity sheet 4a ~ Mild-Medium

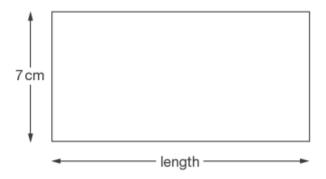
A: Place Value, Add and Subtract	B: Multiply, Divide and Fractions		C: Measure and	C: Measure and Geometry		
1. What is the missing number? 18 36 45 54	4:2	11. <u>42 ÷</u> 6 =	4:9	21. How many m		4:29
2. What is the missing number? 49 56 63 77	4:2	12. Two factors of 28 add up to 9. What are they?	4:20			
3. What is 1,000 more than 150?	4:2	13. 234 x 5 =	4:11	22. The sides of a and 6m.	rectangle are 2m	4:20
4. Round this number to the nearest 10: 1,543	4:2	14. In a class of 18 there are 2 girls for every 1 boy. How many girls are there	?	What is the perir of the rectangle?	1 1	
5. What is 3 – 5?	4:3	15. $\frac{1}{3} = \frac{?}{15}$	4:13	jug? Write a, b o	nuch is in this 1 litre	4:21
6. What is the value of the 2 in this number? 2,789	4:4	16. What is the missing number? 1.72 1.73 1.74 1.76	4:24	a. about 250ml b. about 550ml c. about 750ml		
7. Write the number 22 in Roman numerals.	4:5	17. $\frac{3}{13} + \frac{6}{13}$	4:25	24. How would 2 24 hour digital cl	pm be shown on a ock?	4:22
8. 4,528 - 216 =	4:6	18. Write $\frac{1}{4}$ as a decimal number.	4:16		:	
9. Write the sum to check 239 + 154 = 393:393=	4:7	19. <u>23 ÷</u> 100 =	4:27	25. What is the spo		4:23
10. I have £1. I spend 34p then 45p. How much do I have left?	4:8	20. Round 3.4 to the nearest whole number.	4:18	of triangle?		
Total (A)		Total (B)		To	tal (C)	
Test Total (A+B+C)		R (0-9)	Y (1	0-19)	G (20-25)	)

## Maths Activity sheet $4b \sim Medium - Spicy$

1

A: Place Value, Add, Subtract, Multiply and [	Divide B: Fractions, Ratio, Proportion and	d Algebra	C: Measure and Geometry
1. Write nine million, seven thousand, three hundred and eight in digits.	11. Which is the largest fraction? $\frac{2}{3} \cdot \frac{5}{6}$ or	7 12 6:7	21. How many miles are approximately equal to 4 kilometres?
2. What is the value of the <b>8</b> in this number? 1,384,721	12. $\frac{5}{6} + \frac{1}{9} =$	5:8	22. Give the length and width of <b>two</b> rectangles that have an area of 20m².
3. Round 7.186 to 2 decimal places.	13. Simplify $\frac{2}{3} \times \frac{1}{2} =$	6:9	24. Find the area of 4.5m this parallelogram.
4. The temperature drops from 1°C to -11°C. What is the difference?)	14. 0.5738 x 1000	6:20	24. Calculate the <b>volume</b> of a cube with a 3cm side length.
5. 1,482 x 15	15. 2.15 x 3	6:21	25. Draw this triangle accurately below: 6cm
6. 392 ÷ 14	16. Write this fraction as a decimal and a percentage.	5 6:12	Use a ruler and a protractor.
7. Which is a common multiple of 4 and 6? 2 3 8 12 18	17. Find 35% of 180.	6:23	
8. Which factor of 25 is also a prime number?	18. In a class of 25 <u>pupils,</u> 3 are l How many girls are there?	00ys. 6:14	
9. 68 – 24 ÷ 2	19. How much will a <u>5 minute</u> call cost? Call charge:	· II	
10. I have £10. I buy 2 coffees at £2.89 each. How much do I have left?	20. What is the <b>10</b> <sup>th</sup> <b>term</b> of this sequence? <u>3, 7,</u> 11, 15, 19,	6:26	
Total (A)	Total (B)		Total (C)
Test Total (A+B+C)	R (0-9)	Y (10	O-19) G (20-25)

https://www.youtube.com/watch?v=iEnKZE4G9eI&list=PLS3PH82bo0VDe9klJ5sY2Mfw12	2WyBmgEw&inde
x=6	



The perimeter of this rectangle is 50 centimetres.

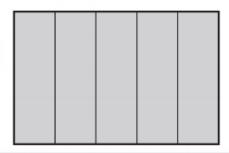
Calculate the length of the rectangle.

 $\frac{\text{https://www.youtube.com/watch?v=87rqah\_gAaQ\&index=5\&list=PLS3PH82bo0VBgaF4RCu1nFganpFTSFBq}{\underline{V}}$ 

Lara has some identical rectangles.

They are 7 centimetres long and 2 centimetres wide.

She uses five of her rectangles to make the large rectangle below.



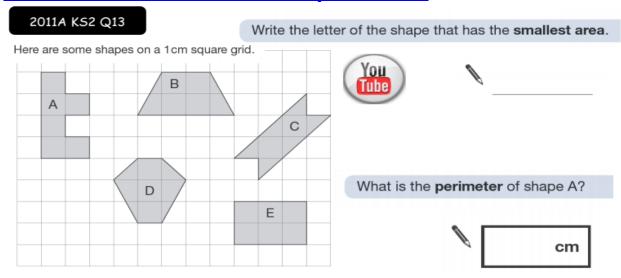
What is the **perimeter** of the large rectangle?



What is the area of the large rectangle?

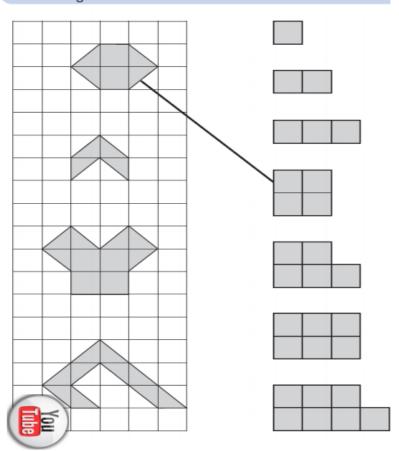


https://www.youtube.com/watch?v=Ph5Ad86N2-M&list=PLS3PH82bo0VAkEKofuCdfPUAD5mwjbv5U&index=13



https://www.youtube.com/watch?v=ZsOVTko65Y&index=20&list=PLS3PH82bo0VACc6WGPYZNEN468cuoU-Mp

Match each shape on the left to one with **equal area** on the right.



https://www.youtube.com/watch?v=fW1Tr9gOsf4&feature=youtu.be







Write the correct symbol in each box to make the statements correct.



 $15 \times 10$ 



60 ÷ 20

https://www.youtube.com/watch?v=83Augx3wKDc&list=PLS3PH82boOVAkEKofuCdfPUAD5mwjbv5U&index=15

Write the correct sign =, > or < in each circle.

$$9 \times 3$$



8 × 4

9 + 3



8 + 4



8 - 4

9 ÷ 3



8 ÷ 4