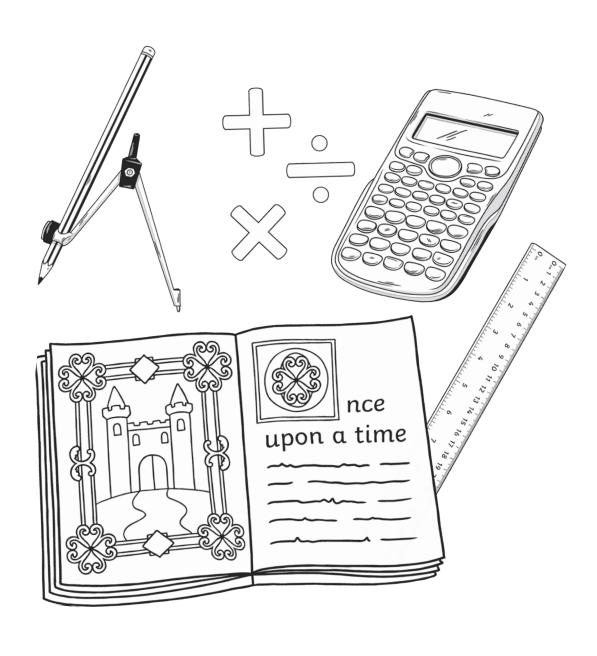
Year 4

Independent Maths & English Work Booklet 2



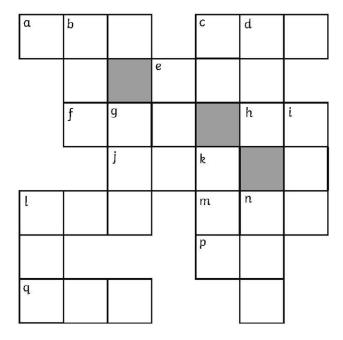


Crossnumber to 1000

Across

- a) 100 100 100 100 100 100 10 10 10 10 10 10 10 1 1 1
- c) 100 100 100 10 10 1 1 1 1 1 1 1
- f) 100 100 100 100 100 10 10 1 1
- h) 10 10 10 10 10 1 1 1 1 1 1 1
- j) 100 100 100 100 100 100 100 10 10 10 10 10 10 1
- l) 100 10 1 1 1 1 1 1 1 1 1
- p) 10 10 10 10 10 10 10 10
- q) 100 100 10 10 10 1 1 1 1 1 1 1

Down



- c) 10 10 10 1 1 1 1

- k) 100 10 10 10 10 10 1 1 1 1 1 1 1 1
- l) 100 10 10 10 10 10 1 1

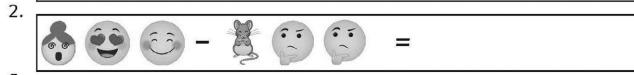


Emoji Code Breaking Activity







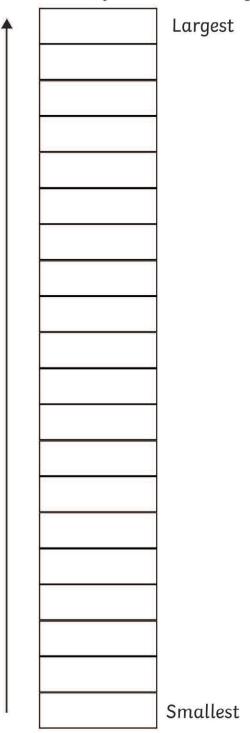




Ordering beyond 1000



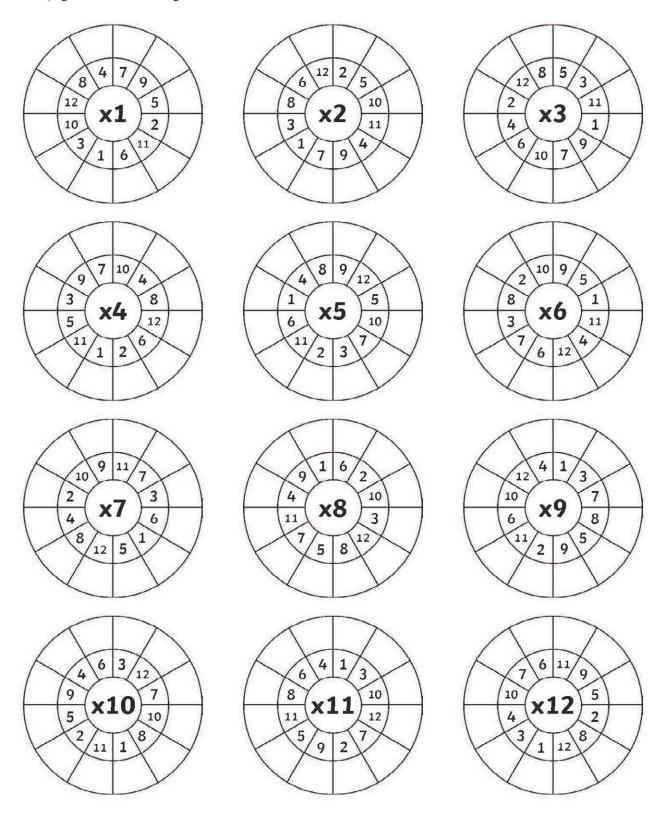
Compare and order the numbers above, from smallest to largest.





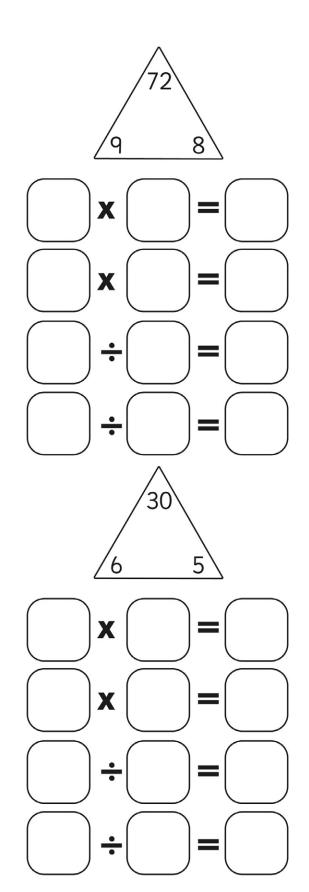
Multiplication Wheels

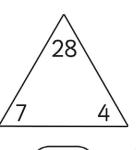
Multiply the numbers by the middle number.

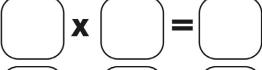




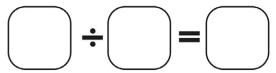
Number Families

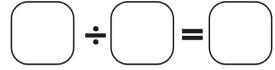


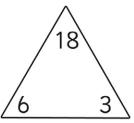


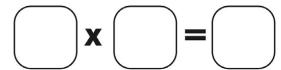














$$() \div () = ()$$



Written during the Terra Nova Expedition to Antarctica, 1910 - 1912

Saturday 12th January 1912



Dear diary,

I write this entry by the dim light of a candle, as the bitterly cold Antarctic night is now upon us.

The most extraordinary thing happened to us today as we trekked across the Beardmore Glacier. It was a long and difficult journey and the skies were becoming dark. Starving and weary, our backpacks were almost empty. Without food, we knew that we would not make it back to our shelter in Victoria Land and we did not dare to think of what would happen to us.

Scott, our group leader, decided that our best chance of survival was to try and catch fish for our supper. We toiled and struggled to the Ross Ice Shelf and began to use our pickaxes to dig a hole through the ice, revealing the freezing, Antarctic water beneath.

Q1a: Which of these places have been mentioned in the text? Tick three. Marie Byrd Land Victoria Land Ross Ice Shelf Beardmore Glacier Ross Island Wilkes Land Q1b: Complete the following sentences about this diary entry. Circle your answers.				
1) The explorer was	writing by the light of a			
torch	candle	lamp	lantern	
2) The group leader Beardmore	is called Ross	Victoria	Scott	
3) The journey across the Beardmore Glacier was				
easy and enjoyable	cold and snowy	long and difficult	short and annoying	





Q2: Why did the explorers 'not dare to think of what would happen' to them?
Q3: Find and copy two verbs which show that the journey across the Ross Ice Shelf was difficult.
Of course, we were not carrying a fishing rod and bait. Using what wa left from our measly ration pack, we tied a lump of beef, coated in fat onto one of our shoe laces and dangled it into the murky water below crossing our frostbitten fingers and hoping that our luck would change. Suddenly, after what seemed like hours, something began to tug on the lace. All I could think about was the delicious fish I was about to eat and my stomach roared with hunger. Scott pulled the lace back through the hole in the ice and, to our astonishment, the weirdest creature we had eve seen was on the other end.
Q4: Which two items did the explorers use as their fishing rod and bait?
Q5: Why did it 'seem like hours' before something tugged on the lace?





Q7: What creat	ture do you think the explorers had discovered? Give one reason.

The creature's snake-like body was long and thin, with two spherical, black eyes, like marbles, bulging from its head. Its scales, which glistened like jewels, shimmered with a rainbow glow, but the creature's skin was translucent; we could see right through it. Lifting it to our snow goggles to take a closer look, we saw bright red blood rushing through its veins, all around its body and back into its heart. What had we discovered?

Feeling uneasy about our new discovery, Scott knew we didn't dare to eat our catch. The whole team nodded in agreement, suddenly not feeling too hungry anymore, as Scott threw the creature back into the icy water. It swam away and into the darkness. Without a word, the team began to head back to camp, our stomachs growling all the way.



Q8: How do you think the explorers were feeling as they headed back to camp? Use evidence from the text to support your answer.	



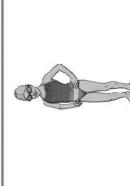


Q9: Explain why you think that the explorers 'didn't dare' to eat their catch. Use evidence from the text to support your answer.
Q10: Explain how George's feelings change throughout the story.
Q11: Summarise the main points of this text in 20 words or less.





SPaG Mat



Replace the underlined words with an appropriate pronoun.

swimmer when Maddie gets older. It goggles; she even sleeps in goggles. is <u>Maddie's</u> biggest dream. Maddie Maddie wants to be an Olympic spends most of Maddie's life in

Can you help him to unjumble them? jumbled two Y3/Y4 spelling words. Mr Whoops has accidently (CLUE: They're both adjectives!)

aihgstrt ragnste

that have possessive Tick the sentences apostrophe correctly: used the plural

The children's shoes were terribly muddy. The childrens' coats were all wet.

The girls' noses were all red from the freezing air.

The boys finger's were bitterly cold.

ending in 'cian' to match these Can you think of words occupation definitions?

2

A member of parliament

Someone who checks your eyesight

Underline the fronted adverbial in this sentence. At the top of the hill, the Easter egg race began.



Rewrite this sentence with a subordinate clause. Many tourists visit New York City every year.

Spot Mr Whoops' Mistakes

Mr Whoops is a little bit clumsy...OK, OK, he's a lot clumsy! Even though he's really trying hard with his writing, he's still accidentally misspelt twelve of his Y3/Y4 key spelling words. Can you spot his mistakes?

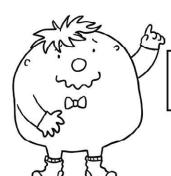
Highlight them in the passage of text.

Could you then correct the words at the bottom of the sheet and create a list for Mr. Whoops to practise?



My most treasured posession is a dinosaur bone fossil, which I found while I was walking through caves in Wales. I don't supposs it's every day that you stumble upon something almost 65 million years old! It must have been there since the days of eurly man. At first, I thought it was just some kind of stranje reflection from the water. I just couldn't beleave that such an inportant piece of hisstory was right there in front of my eyes! The dinosaur probably died in the shallow water and then got buried in the mud. The wayght of the mud and the preasure of the water caused the fossil to be formed over thousands of years. I considur it to be a fantastic find!

1r. Whoops needs to practise t	hese words:	
		-

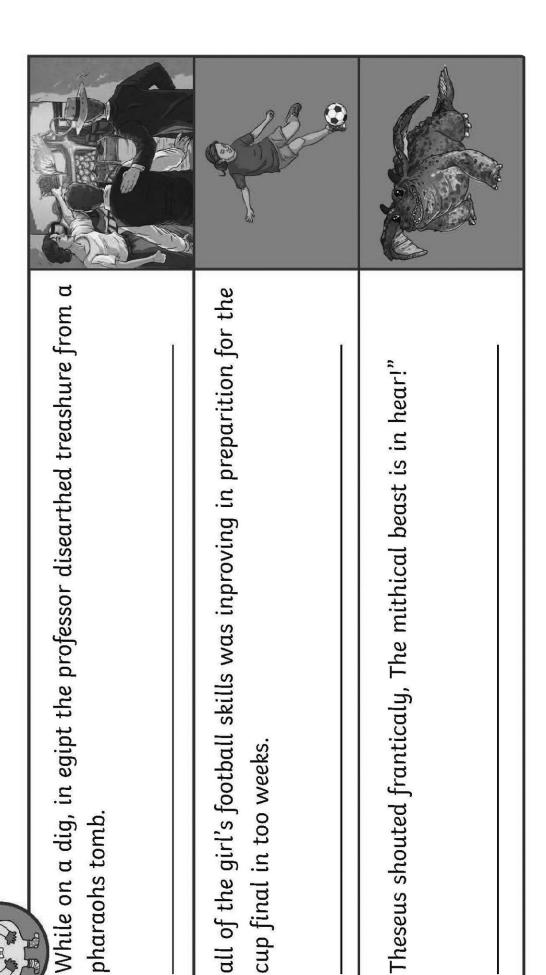


Oooooo...didn't I spell these correctly? It's not like me to get myself mixed-up!





Fix the Sentence



cup final in too weeks.

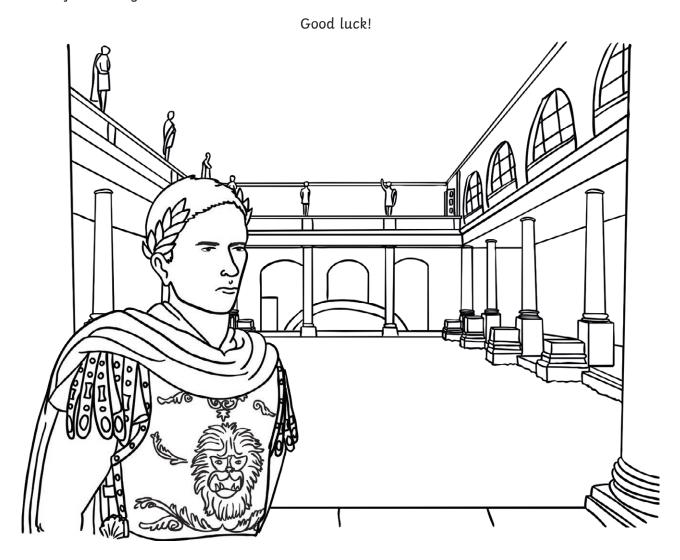


pharaohs tomb.

On a hot summer's day, citizens of Rome flooded to the local thermae to bathe and bask in the warm sunshine. Emperor Julius Caesar was no exception. However, as Julius went to retrieve his clothes after a relaxing rest in the tepidarium, he discovered that his most comfortable toga was nowhere to be seen!

As Detective Chief Inspector on the case, it is your job to find out who stole Caesar's toga! You have taken down the names and descriptions of 20 Roman citizens who visited the thermae that day. There are also five important clues that have been discovered at the scene of the crime.

To crack the case, you will need to solve each clue and check the information with the list of names. Will you be able to solve the mystery and return Caesar's toga before the thermae closes for the day?







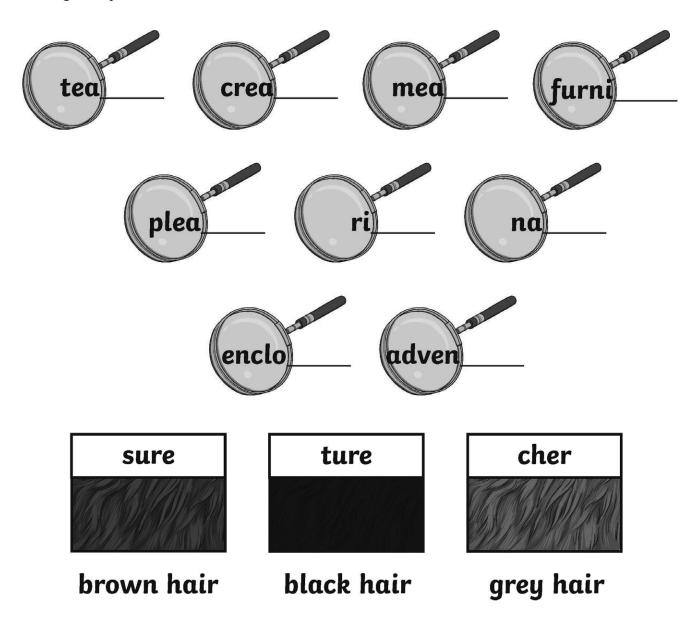
Name of Citizen	Male or Female?	Hair Colour	Number of Siblings	Sandal Size	Favourite Gladiator
Annia Marsica	female	black	4	4	Verus
Artoria Ravilla	female	black	5	6	Crixus
Caius Avitus	male	grey	3	5	Spiculus
Consentia Scaura	female	black	5	7	Spartacus
Cornelia Taurin	female	grey	6	4	Spiculus
Decimus Octavius	male	black	4	7	Verus
Favonia Cervida	female	brown	7	6	Crixus
Floria Adventa	female	brown	3	5	Spartacus
Manius Aquilius	male	black	4	7	Tetraites
Marcus Novellius	male	black	6	7	Spartacus
Maria Victorina	female	brown	8	6	Verus
Numerius Lurio	male	grey	5	8	Tetraites
Placus Adranos	male	black	3	9	Verus
Plinia Philippa	female	black	2	7	Crixus
Primus Cico	male	brown	4	8	Spiculus
Quintus Mancinus	male	brown	5	9	Tetraites
Rutilia Arriana	female	black	2	7	Tetraites
Septimus Galarius	male	grey	7	8	Crixus
Tiberius Albinus	male	black	4	7	Priscus
Vedia Senopiana	female	brown	5	4	Spartacus

The toga thief must be	
the state of the s	





As the first person on the scene, you find an important piece of evidence. Floating in the water at the thermae, you find a long strand of hair. It must belong to the toga thief! Draw a line to match the word to the spelling pattern to correctly complete it. Make sure that you spell the words correctly. The spelling pattern with the most matching words will show the colour of the toga thief's hair.



The spelling pattern with the most matching words is _____ so the toga thief's hair must be _____.





On the floor of the tepidarium, you spot some wet footprints leading to the peg that Caesar's toga was taken from. The footprints must belong to the toga thief!

Read the sentences below carefully. Decide whether or not it contains an incorrectly spelt homophone. If it does, write the correct spelling in the box. If it doesn't, move onto the next sentence. The number of sentences which contain an incorrectly spelt homophone is the same as the trophy thief's sandal size.



Sentence	Error?	Correct Spelling
I hope the thief excepts the punishment given to them.		
It really isn't fair to do this to our emperor.		
Caesar will ball if he doesn't get his toga back.		
I will take grate relief from the thief's capture.		
The thermae will never here the end of this!		
Caesar is so cross: he'll make sure they are punished!		
I've knot seen this happen at any other thermae.		
I wonder if the suspect is male or female.		
The mane thing is that the police catch the thief.		
Caesar must only have mist them by a minute or two.		

There are	incorrectly spelt homophones so the toga thief must wear s	ize
	sandals.	





Thermae in Ancient Rome had separate rooms for men and women to use. One witness reports seeing the toga thief entering a specific pool — but was the pool for males or females? Each of these sentences has one piece of punctuation missing. Add the missing punctuation from the options below. The most common piece of missing punctuation will tell you whether the toga thief was male or female.

"We're taking this search seriously" explained the chief.

We must watch out for thieves bandits and pilferers.

Caesars toga was worth a lot of money.

The atrium frigidarium and tepidarium have all been checked.

The thermaes reputation will be damaged forever.

The mens lockers will be thoroughly searched.

"Please catch the culprit swiftly" commanded Caesar.

The footprints distinctive shape should give the culprit away.

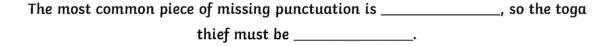
Local gladiators (Verus Crixus and Priscus) were appalled by the crime.

Togas coins and sandals are known to have been taken.



If a **comma** is missing most, the toga thief is **male**.

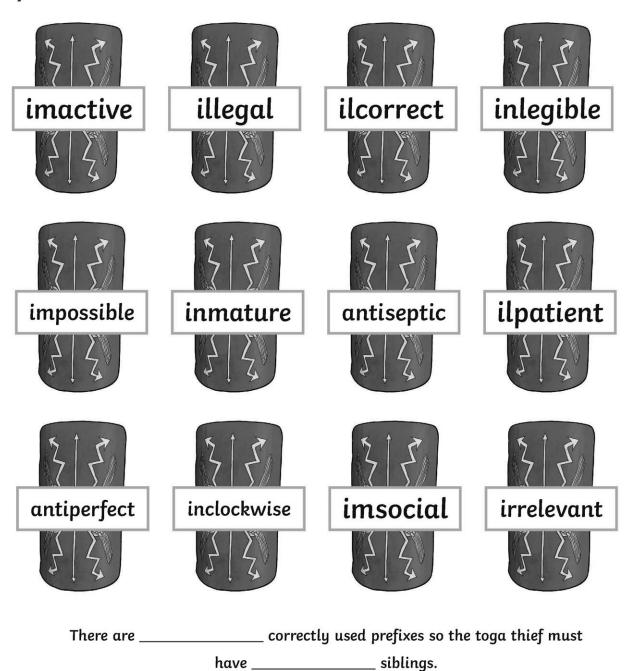
If an **apostrophe** is missing most, the toga thief is **female**.







The toga thief couldn't have pulled off this dastardly crime without the help of their family. Read the words below. Only some of the words use the correct prefix to give the root word the opposite meaning. Circle the words which use the correct prefix and correct the words which don't. The number of words with a correctly used prefix will reveal how many siblings the toga thief has.





Trapped in a crack in the tiled floor, you find a ticket to tomorrow's gladiator fight at the colosseum. It must have been dropped by the toga thief in their rush to escape! To find out who the toga thief's favourite gladiator is, follow the path of words with correctly used suffixes.

- Start -					
sadly	informly	usualous	preparely	simplation	couragely
information	dangerly	basication	famation	poisionly	simpleous
dangerous	outragation	happation	adorly	basicous	fameous
outrageous	usually	jealous	happily	adoration	completely
informous	jealy	compleous	adorous	completation	famous
usualation	famely	basically	various	simply	poisonous
dangeration	poisonation	preparation	basicly	preparous	simplely
usuation	hideation	courageous	hideous	admiration	dramaticly
jealation	tremendly	outrageation	curiation	courteous	dramatically
happous Crixus	courageation Priscus	varily Spartacus	serily — Spiculus —	tremendation - Tetraites -	sensation Verus



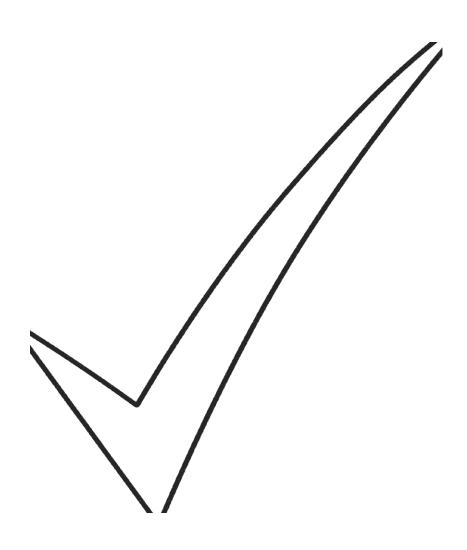
The toga thief's favourite gladiator must be _____.



Year 4

Independent Maths & English Work Booklet 2

Answers



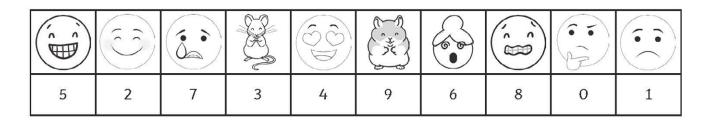


Crossnumber to 1000

Across	Down
a) 673	b) 735
c) 327	c) 34
e) 949	d) 295
f) 522	g) 279
h) 57	i) 728
j) 761	k) 158
l) 119	l) 152
m) 598	n) 907
p) 80	
q) 237	

^a 6	^b 7	3		° 3	^d 2	7
	3		e 9	4	9	
	^f 5	^g 2	2		^h 5	ⁱ 7
		^j 7	6	k 1		2
1	1	9		^m 5	ⁿ 9	8
5				^р 8	0	
^q 2	3	7			7	

Emoji Code Breaking Activity



1. + 1 (2) (2) = 697

3.

4.

5. + + + = 1295

6.

(2) (2) (2) + (2) (2) = 1021

8. - - - - 671

9.

10.



7.

Ordering beyond 1000

Compare and order the numbers above, from smallest to largest.

213	above, from si
	9499
	9105
	9091
	8888
	8527
	6819
	6151
	5876
	5786
	5369
	5010
	3013
	2399
	2191
	2156
	2145
	1456
	1365
	1211
	1126

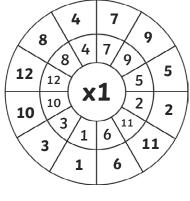
Largest

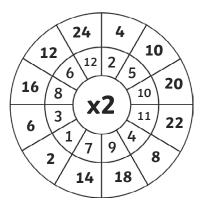
Smallest

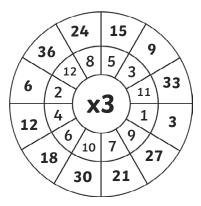


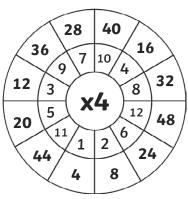
Multiplication Wheels

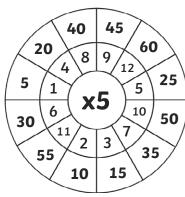
Multiply the numbers by the middle number.

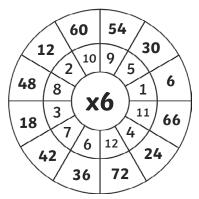


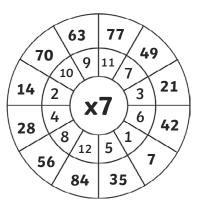


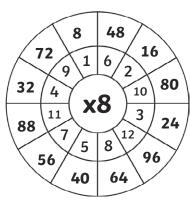




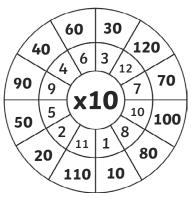


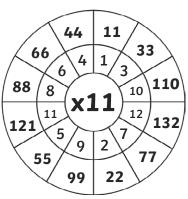


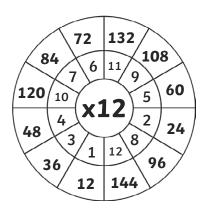




36	9
90 10	1 3 63
54 6 X	$\left(9\right)^{\frac{7}{8}}$
99 11/2	9 5 45
18	81







Number Families

Order of answers may vary.

1)	9X8=72	8X9=72	72÷8=9	72÷9=8
2)	7X4=28	4X7=28	28÷4=7	28÷7=4
3)	6X5=30	5X6=30	30÷6=5	30÷5=6
4)	6X3=18	3X6=18	18÷6=3	18÷3=6
5)	5X4=20	4X5=20	20÷5=4	20÷4=5
6)	4X8=32	8X4=32	32÷4=8	32÷8=4
7)	12X9=108	9x12=108	108÷9=12	108÷12=9
8)	6X7=42	7X6=42	42÷6=7	42÷7=6
9)	6X2=12	2X6=12	12÷2=6	12÷6=2
10)	7X7X=49	7X7=49	49÷7=7	49÷7=7
11)	5X9=45	9X5=45	45÷9=5	45÷5=9
12)	11X3=33	3X11=33	33÷11=3	33÷3=11



Q1a: Which of these pla	aces have been mentioned	in the text? Tick three .	
Marie Byrd Land	Victoria Lan	d Ros	s Ice Shelf
Beardmore Glacie	r Ross Island	○ Wil	kes Land
Q1b: Complete the foll	owing sentences about thi	s diary entry. Circle yo	ur answers.
1) The explorer was wr	iting by the light of a		
torch	candle	lamp	lantern
2) The group leader is a	called		
Beardmore	Ross	Victoria	Scott
3) The journey across t	he Beardmore Glacier was		
easy and enjoyable	cold and snowy	long and difficult	short and annoying

Q2: Why did the explorers 'not dare to think of what would happen' to them?

Accept any reasonable answer which suggests that the explorers knew that they would not survive without food / in such a harsh and inhospitable climate and it is not something that they wished to think about.

Q3: Find and copy two verbs which show that the journey across the Ross Ice Shelf was difficult.

Accept the verbs 'toiled' and 'struggled' only

Q4: Which two items did the explorers use as their fishing rod and bait?

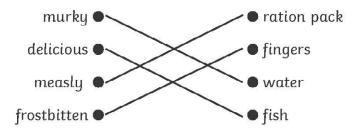
- · Accept the following answers only, in any order:
- · a shoe lace
- a lump of beef (coated in fat)





Accept any reasonable answer which makes reference to the explorers' hunger whilst they waited for the fish, e.g. 'It could have seemed like hours because the explorers were so hungry that time dragged on whilst they waited for a fish to bite.'

Q6: Match the adjectives to the noun they describe in the text.



Q7: What creature do you think the explorers had discovered? Give **one** reason.

Accept any reasonable prediction about the nature of the creature, provided that one valid reason is given which is deduced from the text, e.g.

- I think that the creature is an eel because the text says that its body was snake-like, long and thin.
- · The creature could be a fish because it says in the text that it is covered in scales.

It could be some sort of undiscovered sea lizard because its eyes were big and bulging from its head.

Q8: How do you think the explorers were feeling as they headed back to camp? Use evidence from the text to support your answer.

Accept any answer stating that the explorers felt hungry, disappointed, annoyed, sad or despondent, as long as it is accompanied by a reasonable justification from the text, such as:

- The explorers felt disappointed because the text says that Scott had thrown the fish back into the water and they were hoping to eat it.
- The explorers felt hungry because it says in the text that their stomachs were growling.
- The explorers could have felt despondent because they walked back to their camp 'without a word' to each other. This shows they were feeling down.





Q9: Explain why you think that the explorers 'didn't dare' to eat their catch. Use evidence from the text to support your answer.

Accept any answer which discusses the unusual appearance of the creature or the fact that it was previously undiscovered, such as:

- The explorers didn't dare to eat it because the text says that its body was 'snake-like' and humans do not eat snakes.
- They didn't dare to eat it because of its unusual appearance. It might not have been appetising because they could see the 'bright red blood rushing through its veins'.
- In the text, George says 'what had we discovered?' They would not want to eat something if they were not sure what it was.
- The explorers might have thought that it looked disgusting because its eyes were 'bulging from its head'.

Q10: Explain how George's feelings change throughout the story.

Accept answers which show George's feelings peak and trough, from negative, to somewhat positive and back to negative at the end, e.g.

At first George feels low because the journey is difficult. When
he thinks he will be getting food, his mood changes and becomes
positive and hopeful, but when he realises that he will not be eating,
George becomes downhearted and disappointed again.

Q11: Summarise the main points of this text in 20 words or less.

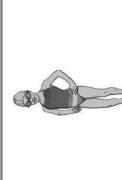
Accept any reasonable summary which mentions the key parts of the text within twenty words, e.g.

- The explorers were hungry. They fished for supper. They could not eat what they caught and trekked back to camp.
- Explorers in Antarctica found an undiscovered creature when fishing for supper but did not eat it and went hungry.





SPaG Mat



Replace the underlined words with

an appropriate pronoun.

Maddie wants to be an Olympic
swimmer when <u>Maddie</u> gets older. It
is <u>Maddie's</u> biggest dream. Maddie
spends most of <u>Maddie's</u> life in
goggles; she even sleeps in goggles.

Mr Whoops has accidently by jumbled two Y3/Y4 spelling words.
Can you help him to unjumble them? (CLUE: They're both adjectives!)

ragnste aihgstrt

Tick the sentences that have used the plural possessive apostrophe correctly:

At the top of the hill, the Easter

egg race began.

Underline the fronted adverbial

in this sentence.

The children's shoes were terribly muddy.

The childrens' coats were all wet.

The girls' noses were all red from the freezing air.

The boys finger's were bitterly cold.

Rewrite this sentence with a subordinate clause.

Many tourists visit New York City every year.

A member of parliament

ending in 'cian' to match these

occupation definitions?

Can you think of words

Someone who checks your eyesight

Spot Mr Whoops' Mistakes

possession through early believe important suppose probably weight pressure consider history strange

Fix the Sentence

- 1) While on a dig in Egypt, the professor unearthed treasure from a pharaoh's tomb.
- 2) All of the girls' football skills were improving in preparation for the cup final in two weeks.
- 3) Theseus shouted frantically, "The mythical beast is in here!"





Clue 1: A Cut above the Rest

sure	ture	cher	
measure	creature	teacher	
pleasure	furniture	richer	
enclosure nature			
	adventure		

Answer to clue 1: The spelling pattern with the most matching words is **ture** so the toga thief's hair must be **black**.

Clue 2: Putting Their Foot in It

Sentence	Error?	Correct Spelling
I hope the thief excepts the punishment given to them.	✓	accepts
It really isn't fair to do this to our emperor.	Х	-
Caesar will ball if he doesn't get his toga back.	√	bawl
I will take grate relief from the thief's capture.	✓	great
The thermae will never here the end of this!	√	hear
Caesar is so cross: he'll make sure they are punished!	Х	-
I've knot seen this happen at any other thermae.	√	not
I wonder if the suspect is male or female.	X	-
The mane thing is that the police catch the thief.	√	main
Caesar must only have mist them by a minute or two.	✓	missed

Answer to clue 2: There are **7** incorrectly spelt homophones so the toga thief must wear size **7** sandals.





Sentence	Missing Punctuation
"We're taking this search seriously," explained the chief.	comma
We must watch out for thieves, bandits and pilferers.	comma
Caesar's toga was worth a lot of money.	apostrophe
The atrium, frigidarium and tepidarium have all been checked.	comma
The thermae's reputation will be damaged forever.	apostrophe
The men's lockers will the thoroughly searched.	apostrophe
"Please catch the culprit swiftly," commanded Caesar.	comma
The footprints' distinctive shape should give the culprit away.	apostrophe
Local gladiators (Verus, Crixus and Priscus) were appalled by the crime.	comma
Togas, coins and sandals are known to have been taken.	comma

Answer to clue 3: The most common piece of missing punctuation is a **comma** so the toga thief must be **male**.

Clue 4: A Family Affair

Words which should be circled for using the correct prefix:

- · illegal;
- · impossible;
- · antiseptic;
- · irrelevant.

Corrections needed:

Original Word	Correction Needed
imactive	inactive
ilcorrect	incorrect
inlegible	illegible
inmature	immature
ilpatient	impatient
antiperfect	imperfect
inclockwise	anticlockwise
imsocial	antisocial

Answer to clue 4: There are 4 correctly used prefixes so the toga thief must have 4 siblings.





The path of correctly used suffixes is:

Start

sadly	informly	usuałous	preparely	simplation	couragely
information	dangerly	basication	famation	poisionly	simpleous
dangerous	outragation	happation	adorly	basicous	fameous
outrageous	usually	jealous	happily	adoration	completely
informous	jealy	compleous	adorous	completation	famous
usualation	famely	basically	various	simply	poisonous
dangeration	poisonation	preparation	basicly	preparous	simplely
usuation	hideation	courageous	hideous	admiration	dramaticly
jealation	tremendly	outrageation	curiation	courteous	dramatically
happous	courageation	varily	serily	tremendation	sensation

Crixus Priscus Spartacus Spiculus Tetraites Verus

Answer to clue 5: The toga thief's favourite gladiator must be **Verus**.

The toga thief must be Decimus Octavius.



