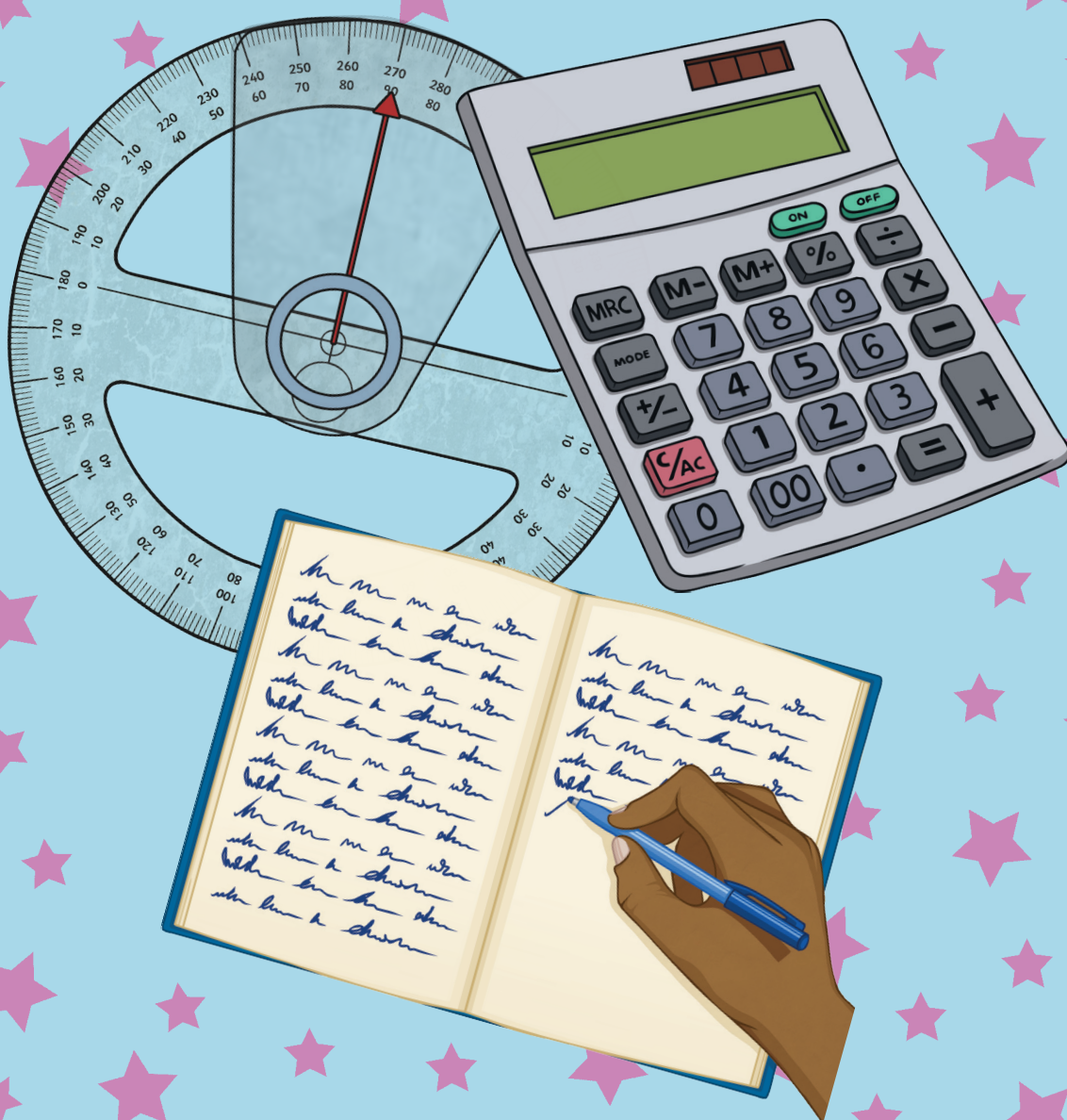


Year 5

Independent Maths & English Work Booklet 2



twinkl

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Rounding Decimals

Round decimals of one decimal place to whole numbers

Aim: I can round decimal numbers.

Round the following decimal numbers to the nearest whole number.

8.2

4.3

8.6

9.7

2.8

5.7

4.7

0.2

7.6

8.6

2.9

1.1

9.2

2.6

5.1

3.3

2.5

0.4

0.5

1.6

0.5

8.4

4.8

3.6

6.1

3.9

2.8

7.5

4.1

1.2

Rounding Decimals

Round decimals of two decimal place to whole numbers

Aim: I can round decimal numbers.

Round the following decimal numbers to the nearest whole number.

0.75	<input type="text"/>	0.96	<input type="text"/>	0.74	<input type="text"/>
0.34	<input type="text"/>	0.66	<input type="text"/>	0.09	<input type="text"/>
0.25	<input type="text"/>	0.29	<input type="text"/>	0.66	<input type="text"/>
0.23	<input type="text"/>	0.85	<input type="text"/>	0.82	<input type="text"/>
0.46	<input type="text"/>	0.61	<input type="text"/>	0.52	<input type="text"/>
0.77	<input type="text"/>	0.17	<input type="text"/>	0.41	<input type="text"/>
0.27	<input type="text"/>	0.35	<input type="text"/>	0.74	<input type="text"/>
0.88	<input type="text"/>	0.07	<input type="text"/>	0.77	<input type="text"/>
0.05	<input type="text"/>	0.34	<input type="text"/>	0.76	<input type="text"/>
0.95	<input type="text"/>	0.66	<input type="text"/>	0.58	<input type="text"/>

Rounding Decimals

Round decimals of two decimal places to one decimal place

Aim: I can round decimal numbers.

Round the following decimal numbers to the one decimal place.

0.58 <input type="text"/>	0.63 <input type="text"/>	0.46 <input type="text"/>
0.36 <input type="text"/>	0.74 <input type="text"/>	0.42 <input type="text"/>
0.88 <input type="text"/>	15 <input type="text"/>	0.79 <input type="text"/>
0.18 <input type="text"/>	0.53 <input type="text"/>	0.64 <input type="text"/>
0.97 <input type="text"/>	0.48 <input type="text"/>	0.95 <input type="text"/>
0.95 <input type="text"/>	0.62 <input type="text"/>	0.05 <input type="text"/>
0.37 <input type="text"/>	0.09 <input type="text"/>	0.22 <input type="text"/>
0.97 <input type="text"/>	0.23 <input type="text"/>	0.35 <input type="text"/>
0.83 <input type="text"/>	0.65 <input type="text"/>	0.81 <input type="text"/>
0.26 <input type="text"/>	0.25 <input type="text"/>	0.24 <input type="text"/>

Rounding Decimals

Round decimals of two decimal places to whole numbers

Aim: I can round decimal numbers.

Round the following decimal numbers to the nearest whole number.

3.54	<input type="text"/>	3.57	<input type="text"/>	6.17	<input type="text"/>
7.42	<input type="text"/>	8.69	<input type="text"/>	7.48	<input type="text"/>
8.44	<input type="text"/>	4.09	<input type="text"/>	1.23	<input type="text"/>
4.34	<input type="text"/>	8.95	<input type="text"/>	7.47	<input type="text"/>
6.71	<input type="text"/>	4.68	<input type="text"/>	0.01	<input type="text"/>
6.75	<input type="text"/>	6.42	<input type="text"/>	0.92	<input type="text"/>
8.54	<input type="text"/>	5.54	<input type="text"/>	7.71	<input type="text"/>
1.39	<input type="text"/>	3.33	<input type="text"/>	6.3	<input type="text"/>
3.75	<input type="text"/>	2.96	<input type="text"/>	7.16	<input type="text"/>
6.5	<input type="text"/>	9.13	<input type="text"/>	4.53	<input type="text"/>

Maths Activity Mat

Section 1

Order the following numbers from smallest to largest.

78778 87887 77887 88778 77878

--	--	--	--	--

smallest largest

Section 2

Four children have £17.46 altogether. None has more than £5 or less than £4. How much could they each have?

--

Section 3

Eric wants some pizzas cut into 24 pieces. He could have two pizzas cut into 12 pieces. Explain 4 other ways he could share some pizzas into 24 pieces.

- _____ pizzas cut into _____ pieces.
- _____ pizzas cut into _____ pieces.
- _____ pizzas cut into _____ pieces.
- _____ pizzas cut into _____ pieces.

Section 5

Write the equivalent to the fractions and decimal fractions.

	0.75
$\frac{3}{10}$	
$1\frac{1}{8}$	

Section 4

Match the mixed fractions and improper fractions.

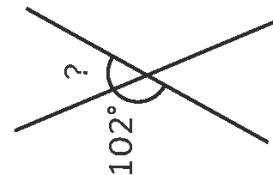
$\frac{13}{5}$	$2\frac{1}{5}$
$\frac{11}{5}$	$3\frac{2}{5}$
$\frac{17}{5}$	$2\frac{3}{5}$

Section 6

Calculate the perimeter of these compound shapes:

Section 7

Calculate the missing angle:

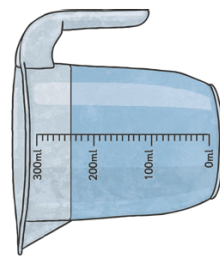


--

*not to scale

Section 8

Estimate the capacity of a jug of water in millilitres.



--

Multi-Step Addition and Subtraction Problems

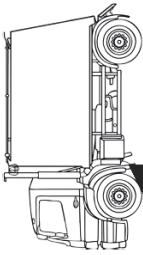
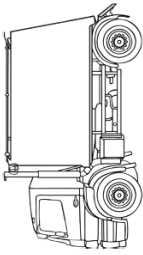
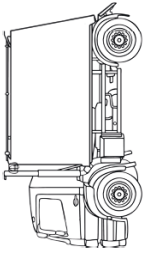
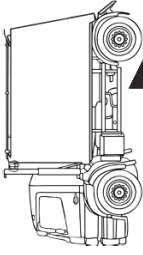
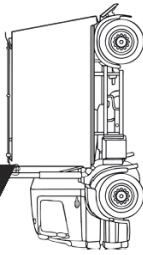
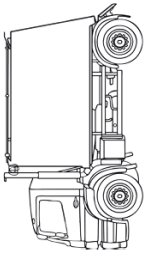
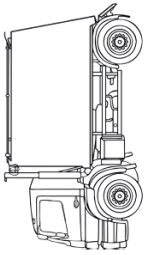
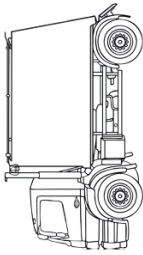
No.	Question	Calculation required (Do brackets first!)	Method	Answer
e.g.	The stadium has 25 000 seats – 11 348 adults and 2767 children come to see the game. How many empty seats are there?	$25000 - (11348 + 2767) =$		
1.	Dorothy's family are saving money for a holiday costing £1845 – if they have already saved £490 and then raise £146 from a car boot sale, how much more do they need to save?			
2.	A study of 32 164 people found that 25 412 were right handed, 3849 were left handed and the remainder were ambidextrous (could use either hand) How many were ambidextrous?			

Page 7 of 40

Multiplying and Dividing by 100 and 1000

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

Drive the lorries forward two spaces on a place value grid to multiply by 100 and three spaces to multiply them by 1000. Reverse them two spaces to divide by 100 and three spaces to divide them by 1000.

$\times 1000$	$\times 100$		$\div 100$	$\div 1000$
		12		
		157		
		1425		
		4.5		
		0.25		
		18 000		
		458 000		
		7600		
		950		
		516		

Multiplying and Dividing by 100 and 1000

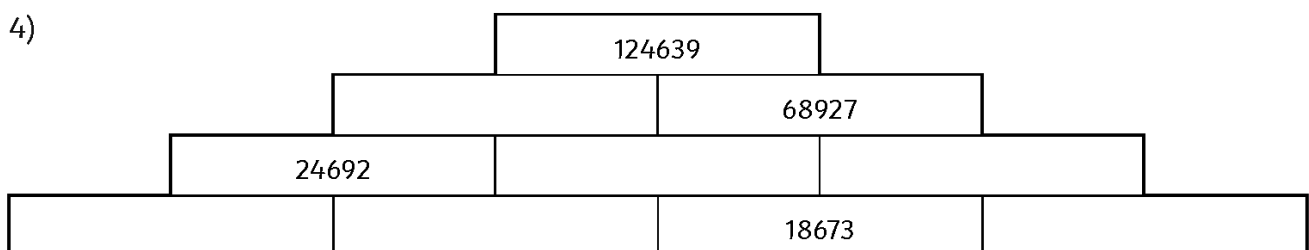
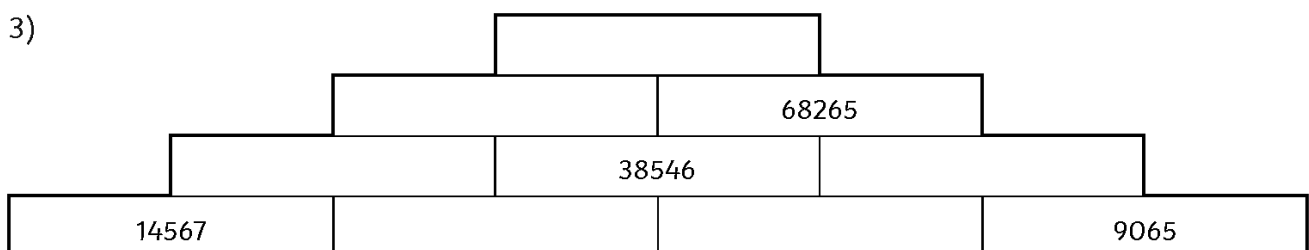
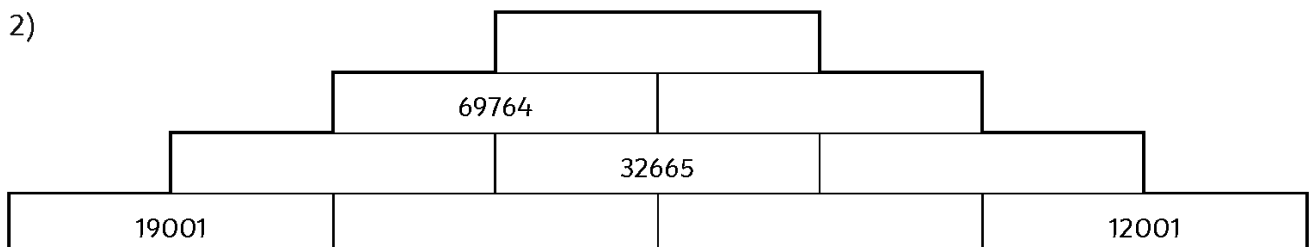
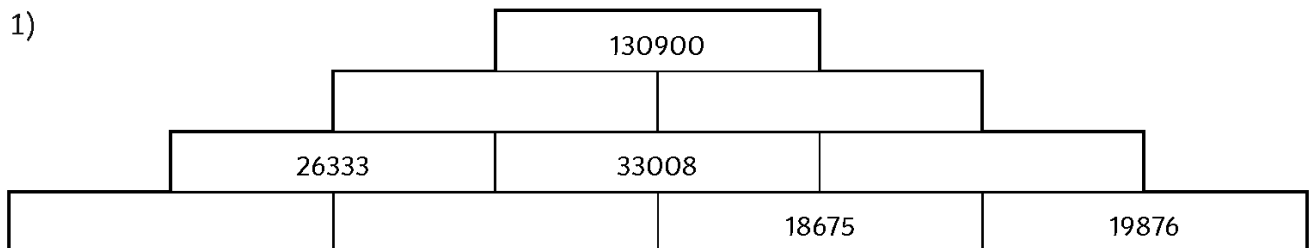
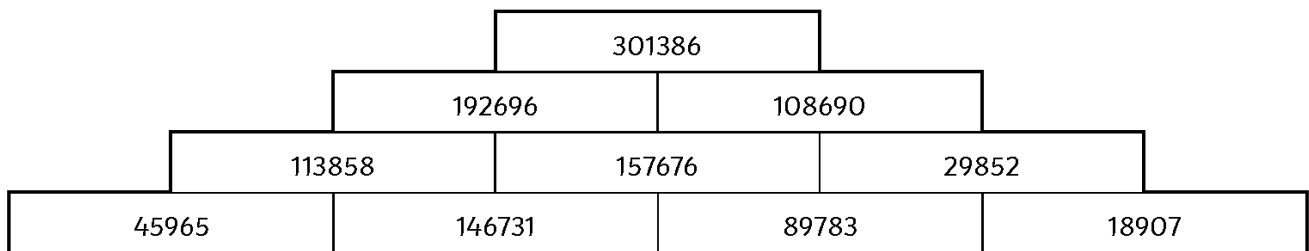
Million	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	tenths	hundredths	thousandths

Missing Number Addition Pyramids

I can add and subtract numbers using a formal written method.

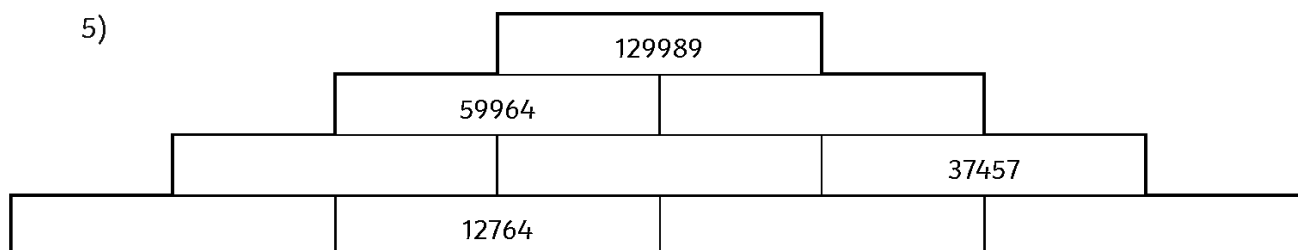


Use addition and subtraction calculations to complete these pyramids. The first one has been done for you.

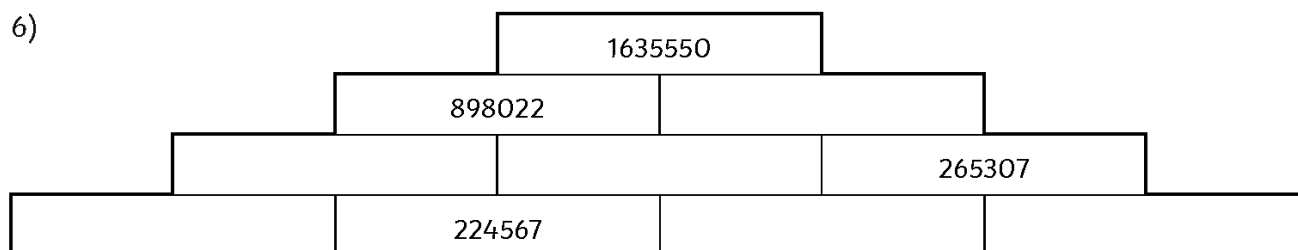


Missing Number Addition Pyramids

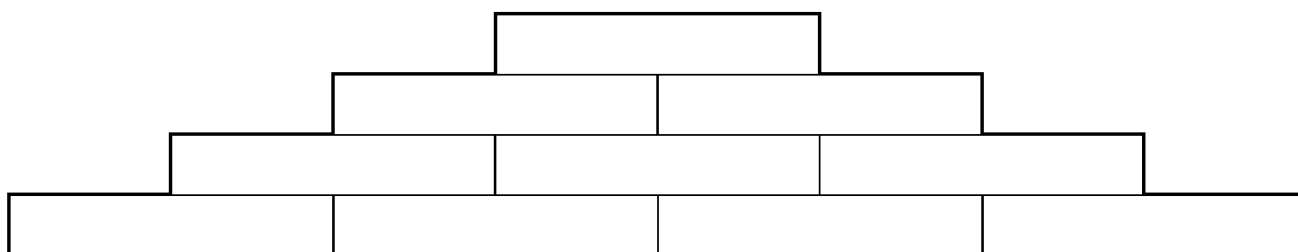
5)



6)



Extension: Create your own pyramid puzzle for a partner to solve.



Extreme Earth Reading Comprehension

What is a Tsunami?

The word tsunami is pronounced /soo-NAH-mee/. It comes from two Japanese words: tsu meaning 'harbour' and nami meaning 'wave', so tsunami literally means 'harbour wave'. A tsunami is an extremely large wave, which can travel across the ocean faster than jet plane, destroying everything in its path – including whole islands and everything on them.



As they are both powerful and destructive, tsunamis are sometimes called tidal waves by mistake. A tsunami is not the same as a tidal wave because tsunamis have nothing to do with the tide.

Usually, two tsunamis happen every year across the world, with a really bad tsunami happening once in every fifteen years. Around four out of every five tsunamis happen within the 'Ring of Fire' – an area in the Pacific Ocean where earthquakes and volcanic eruptions often take place.



Q1: What does the word tsunami mean?

Q2: Why might people confuse tsunamis and tidal waves?



Q3: '*...which can travel across the ocean faster than a jet plane...*'

Why does the author describe a tsunami in this way?



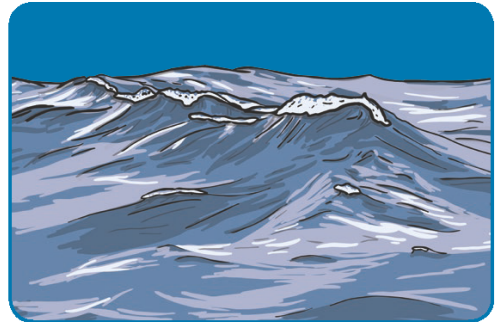
Extreme Earth Reading Comprehension

How Are Tsunamis Caused?

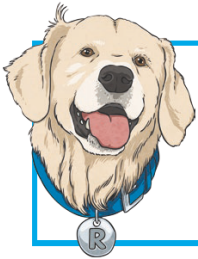
Tsunamis can be caused by many natural events, such as underwater landslides, volcanic eruptions or the Earth being hit by a meteor. However, tsunamis are most commonly caused by earthquakes.

The Earth's crust is made up of giant slabs of rock, called tectonic plates. These plates are always moving but only by around 2cm per year. Sometimes, as they move, they can grind together. If the plates get stuck whilst moving, pressure builds up and they can suddenly slam into a new position. This causes an earthquake.

If this happens beneath the sea floor, the water above the plates rises and suddenly starts to spread across the ocean. This is a tsunami. Out in the open ocean, the tsunami's waves are only around 1 metre high. However, as the waves travel towards land, they slow down and begin to grow. They can grow to over thirty metres tall – as tall as the famous statue Christ the Redeemer, which towers over Rio de Janeiro in Brazil.



The height of a tsunami's waves can change depending on where it hits the coast. Where a large wave caused by an average storm could travel up to 150 metres inland, a tsunami's waves could reach up to a terrifying 1,500m –ten times further.



Q4: Approximately how much do tectonic plates move each year?

Q5: Why do you think the author compares the height a tsunami can reach to a famous statue in Brazil?



Q6: Find and copy an adjective which describes the distance a tsunami can travel inland.



Extreme Earth Reading Comprehension

Q7a: How is the information in this text organised?

Q7b: For what reason has this been done?



How Can I Survive a Tsunami?

Before a tsunami strikes, eagle-eyed scientists can spot a few warning signs that may help to save lives. Tsunamis can cause the ground near the coast to shake for more than twenty seconds at a time, and may cause the ocean to pull backwards, leaving bare sand where the sea used to be. There may also be loud, booming noises which come from nowhere. It is not just humans who can take notice of these warning signs. Around the time that a tsunami is about to strike, animals can be seen behaving strangely or beginning to leave the area.

If any of these signs are spotted, you must immediately move away from coastal areas and make your way to higher ground, not making the common mistake of stopping to pack up belongings or visit friends. If it is not possible to escape to higher ground, many people manage to survive tsunamis by clinging on to floating objects – allowing themselves to be taken wherever the water wants to flow.

In an attempt to save lives in the future, scientists have developed the Pacific Tsunami Warning System, based in Hawaii, USA. This system gives plenty of time to warn people living in vulnerable coastal areas. Despite the huge cost, systems like this are being built to protect people living beside the ocean all around the world.

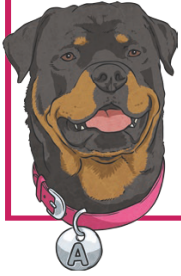
Q8: Why do you think that packing up belongings or visiting friends is a 'common mistake'?



Extreme Earth Reading Comprehension

Q9: *'...eagle-eyed scientists can spot a few warning signs...'*

Why does the word 'eagle-eyed' tell you about the scientists?



Q10: Why are systems like the Pacific Tsunami Warning System being built around the world if they are so expensive?



Q11: Summarise what you have read in 25 words or less.



SPaG Mat

a

Can you rewrite the sentence below as direct speech?

The shop assistant told him that the cost was six pounds exactly.



c

Students Cook & Serve Grandparents!

Why is this newspaper headline ambiguous?

d

Mr Whoops has accidentally jumbled up two words containing the 'ough' letter string. Can you help him unjumble them?

loguhath

goulph



e

Underline the adverb of possibility or modal verb in the following sentences and say what type of word you have underlined.

a) Bridget might be able to attend the party.

b) Perhaps Joe had lost his wallet when he was at the shopping centre.

f

Insert commas around the relative clause in this sentence and underline the relative pronoun.

The war veterans who were now all in their eighties paraded proudly down the street.



b

Write a sentence using the commonly-confused homophone word 'practise'.

Mr Whoops Statutory Spellings Activity

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 13 of his Y5/Y6 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?

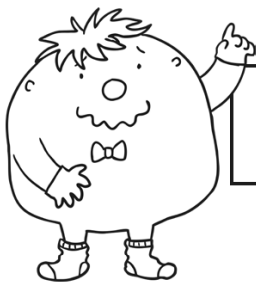


Recently, I have made a conscious decision to learn a foreign language.

I visited my local book shop and searched for the Japanese category - I've always wanted to visit Tokyo! There were many phrase books available and also treated myself to a bargain Japanese dictionary. The Japanese programme I invested in comes with a guarantee to have me fluent within just forty days, but at the moment I am finding the pronunciation of the Japanese words very challenging. Sometimes I have felt like giving up but I'm a determined individual so I have kept going! I really would love to equip myself with the skills to go to Tokyo and talk fluently with the local people.

Mr. Whoops needs to practise these words:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



Oooooo...did I not spell these correctly? Whoops!

Fix the Sentence Activity Mat



Thomas mainly to urn more pocket money had gave the liveing room a through clean, which included vacuuming dusting and removing the cobwebs from the sealing lights.



If i was to be offered the job, on the school counsel i would except it greatlyfully as I'd love to be a politision when I'am older.



In high spirits Janelle enter the classroom and imediately announced, What a marvvelous day it is."



Mystery of the Missing Emojis SPaG Problem-Solving Game

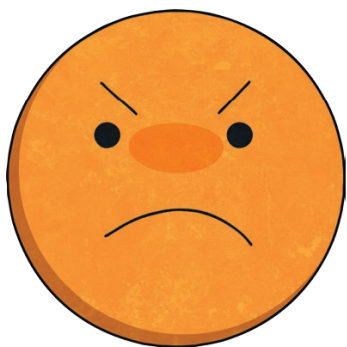
Instructions

It's nearly Emoji Day and a catastrophe has occurred. All of the emojis have disappeared from everyone's mobile phones! Who would take all of the emojis just before Emoji Day? The culprit needs to be found and the emojis must be returned so that the celebrations can continue.

As the Detective Chief Inspector, it is your job to find out who stole the emojis. Your officers have taken down the names and descriptions of the 20 people who were working in the mobile phone factory last night.

There are also five top secret clues that have been left. To crack the case, you will need to solve each clue and check the information with the list of names. Can you find the emojis in time?

Good luck!



Mystery of the Missing Emojis SPaG Problem-Solving Game

Worker's Name	Do They Wear Glasses?	Favourite Emoji	Type of Shoes	Favourite Snack	House Number
Archie Anger	yes	Poorly	trainers	chocolate	2
Barty Blithe	yes	Happy	smart shoes	biscuits	6
Briana Blue	no	Confused	smart shoes	chocolate	20
Carly Content	no	Angry	smart shoes	crisps	22
Constance Confused	no	Happy	trainers	crisps	7
Craig Cry	yes	Confused	smart shoes	chocolate	4
Frederick Fine	yes	Happy	trainers	biscuits	25
Gloria Glee	no	Poorly	smart shoes	biscuits	2
Geraint Grieve	yes	Poorly	trainers	crisps	28
Hayley Happy	no	Confused	smart shoes	chocolate	4
Jonty Joy	yes	Angry	smart shoes	chocolate	30
Meredith Merry	no	Poorly	trainers	crisps	32
Petr Peace	yes	Confused	smart shoes	biscuits	1
Penelope Pity	no	Angry	trainers	crisps	9
Roger Relaxed	yes	Angry	smart shoes	crisps	10
Sammy Sad	no	Happy	trainers	biscuits	19
Serena Serene	no	Happy	trainers	biscuits	11
Siobhan Sorrow	no	Confused	smart shoes	chocolate	5
Sean Surprise	yes	Confused	smart shoes	chocolate	10
Trevor Tense	yes	Confused	smart shoes	crisps	36

The culprit was _____.

Mystery of the Missing Emojis SPaG Problem-Solving Game

Decide whether each word or phrase in each pair of footprints uses vocabulary typical of **formal** or **informal** writing and place it under the correct pair of shoes. Both words in some pairs of footprints might go beneath only the formal or informal shoes. Whichever pair of shoes has the most words or phrases will tell you the type of shoe print that was discovered outside the emoji room at the factory.

profession

immediately

spectacles

job

now

injustice

opportunity

enough

sacrifice

chance

sufficient

give up



Formal



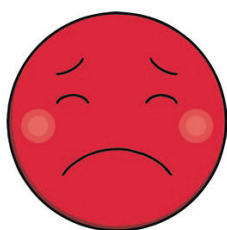
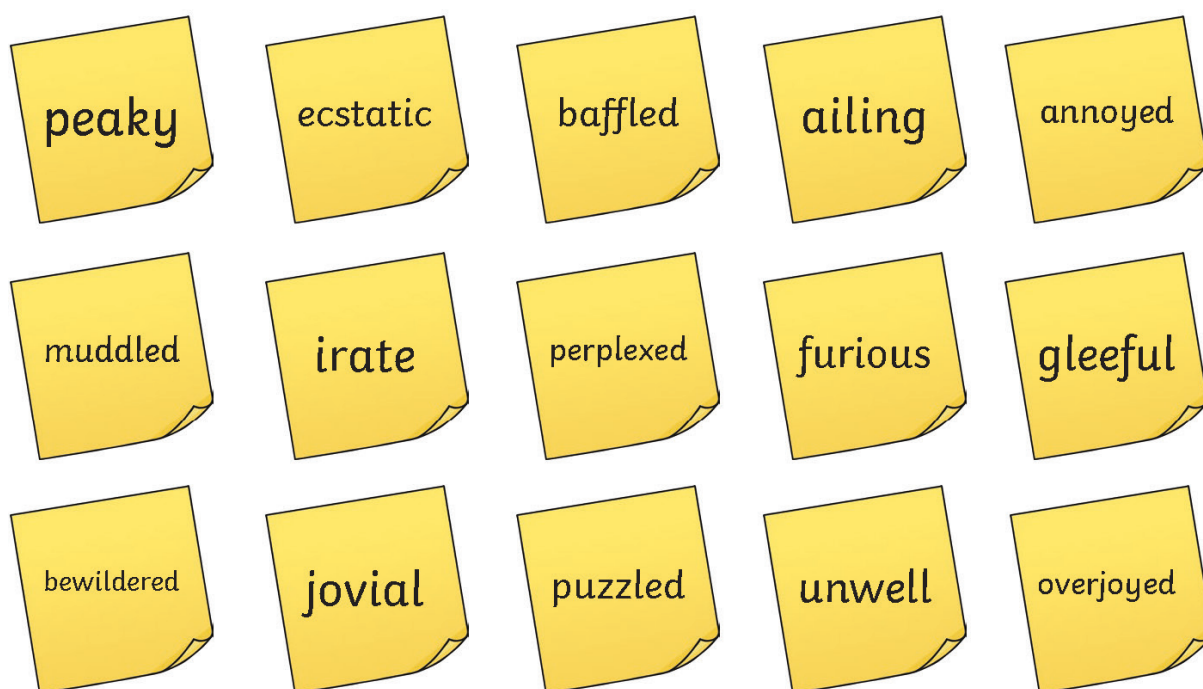
Informal

If there are more **formal** words, the culprit wore **smart shoes**. If there are more **informal** words, the culprit wore **trainers**.

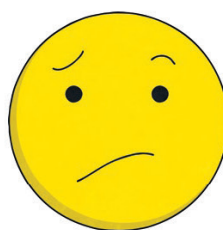
The culprit wore _____.

Mystery of the Missing Emojis SPaG Problem-Solving Game

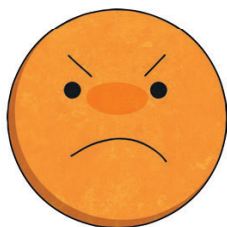
The emoji factory is always trying to think of the next hit emoji idea so the room is filled with sticky notes covered with synonyms. Find which emoji has the most synonyms and this will reveal the culprit's favourite emoji.



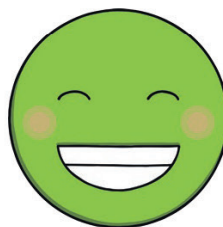
Poorly



Confused



Angry



Happy

The emoji with the most synonyms is _____
so this must be the worker's favourite emoji.

Mystery of the Missing Emojis SPaG Problem-Solving Game

An empty snack packet was found outside the emoji room. Match the words to the correct prefix to form a verb. Some of the words can go with more than one prefix. The prefix with the most words will reveal which packet was found and show the culprit's favourite snack.







The prefix with the most words is _____
so the culprit's favourite snack is _____.

Mystery of the Missing Emojis SPaG Problem-Solving Game

Find your way through this maze of statutory spelling words. By following the path (vertically or horizontally) of correctly spelt words, you will find out whether the culprit wears glasses or not.

Start

immediate	stumach	lightnning	immediate	comittee	disasterous	queeu
foreign	sugest	lesiure	equipp	muscle	indeividual	desprate
restaurant	bargin	orkward	mischevious	sinsere	discionary	familliar
recommend	persuade	programme	determined	especially	hindrance	develope
curiosity	acording	sacrifise	concence	contraversy	forty	explanation
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recoggnise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegetable	proffession	consious	twelth	prejudice	anscient	phisycal
achieve	equipt	vehical	acompany	immature	symbol	average
pronunsiation	exagerate	garantee	secretery	identtity	neccessary	parliament
privilige	temperature	critisize	langwage	apparent	available	excellent
thorough 		harass 		community 		occupy 

The culprit _____ glasses.

Mystery of the Missing Emojis SPaG Problem-Solving Game

The factory owner has been sent a text message from the worker who deleted the emojis! The thief has made lots of mistakes and missed the punctuation to mark the boundaries between independent clauses (semi-colons, colons or dashes).

Circle the mistakes and then write the corrections below. The number of errors will show the house number of the culprit.



Corrections

There are _____ missing boundaries between independent clauses so the emoji's house number is _____.

Year 5

Independent Maths & English Work Booklet 2

Answers



Rounding Decimals

Round the following decimal numbers to the nearest whole number.

8.2

8

4.3

4

8.6

9

9.7

10

2.8

3

5.7

6

4.7

5

0.2

0

7.6

8

8.6

9

2.9

3

1.1

1

9.2

9

2.6

3

5.1

5

3.3

3

2.5

3

0.4

0

0.5

1

1.6

2

0.5

1

8.4

8

4.8

5

3.6

4

6.1

6

3.9

4

2.8

3

7.5

8

4.1

4

1.2

1

Rounding Decimals

Round the following decimal numbers to the nearest whole number.

0.75

1

0.96

1

0.74

1

0.34

0

0.66

1

0.09

0

0.25

0

0.29

0

0.66

1

0.23

0

0.85

1

0.82

1

0.46

0

0.61

1

0.52

1

0.77

1

0.17

0

0.41

0

0.27

0

0.35

0

0.74

1

0.88

1

0.07

0

0.77

1

0.05

0

0.34

0

0.76

1

0.95

1

0.66

1

0.58

1

Rounding Decimals

Round the following decimal numbers to the one decimal place.

0.58

0.6

0.63

0.6

0.46

0.5

0.36

0.4

0.74

0.7

0.42

0.4

0.88

0.9

15

15.0

0.79

0.8

0.18

0.2

0.53

0.5

0.64

0.6

0.97

1.0

0.48

0.5

0.95

1.0

0.95

1.0

0.62

0.6

0.05

0.1

0.37

0.4

0.09

0.1

0.22

0.2

0.97

1.0

0.23

0.2

0.35

0.4

0.83

0.8

0.65

0.7

0.81

0.8

0.26

0.3

0.25

0.3

0.24

0.2

Rounding Decimals

Round the following decimal numbers to the nearest whole number.

3.54

4

3.57

4

6.17

6

7.42

7

8.69

9

7.48

7

8.44

8

4.09

4

1.23

1

4.34

4

8.95

9

7.47

7

6.71

7

4.68

5

0.01

0

6.75

7

6.42

6

0.92

1

8.54

9

5.54

6

7.71

8

1.39

1

3.33

3

6.3

6

3.75

4

2.96

3

7.16

7

6.5

7

9.13

9

4.53

5

Maths Activity Mat

Section 1

Order the following numbers from smallest to largest.

78778 87887 77887 78778 88778 77878

77878	77887	78778	87887	88778
smallest				largest

Section 2

Four children have £17.46 altogether. None has more than £5 or less than £4. How much could they each have?

Any 4 amounts that totals £17.46.

Section 3

Eric wants some pizzas cut into 24 pieces. He could have two pizzas cut into 12 pieces. Explain 4 other ways he could share some pizzas into 24 pieces.

- 1 pizzas cut into 24 pieces.
- 12 pizzas cut into 2 pieces.
- 3 pizzas cut into 8 pieces.
- 6 pizzas cut into 4 pieces.

Section 4

Match the mixed fractions and improper fractions.

$\frac{13}{5}$	$2\frac{1}{5}$
$\frac{11}{5}$	$3\frac{2}{5}$
$\frac{17}{5}$	$2\frac{3}{5}$

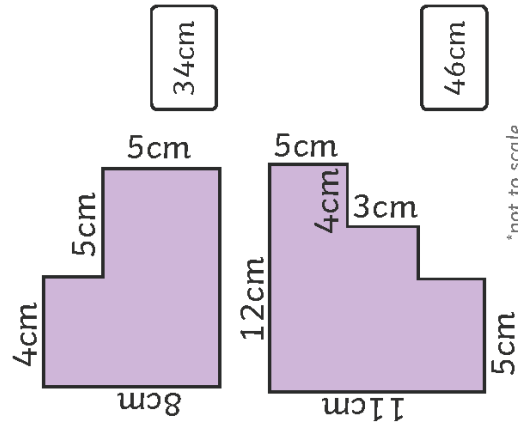
Section 5

Write the equivalent to the fractions and decimal fractions.

$\frac{3}{4}$ or $\frac{75}{100}$	0.75
$\frac{3}{10}$	0.3
$1\frac{1}{8}$	0.125

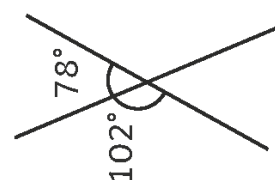
Section 6

Calculate the perimeter of these compound shapes:



Section 7

Calculate the missing angle:

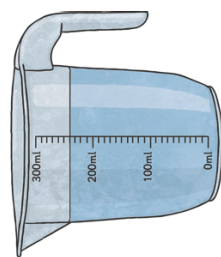


78°

*not to scale

Section 8

Estimate the capacity of a jug of water in millilitres.



240ml

Multi-Step Addition and Subtraction Problems

question	answer	
1	$1845 - (490 + 146)$	£1209
2	$32164 - (25412 + 3849) =$	2903 people
3	$(85000 - 47233) + 85000 =$	122 767 bags
4	$28640 - ((12 \times 217) + 19385)$	£6651
5	$69 \text{ BC} + 39 = 30 \text{BC. So } 30 + 2015^* =$ <i>*(Answer depends on current year - 2015 has been used for this answer)</i>	2045 years ago

Multiplying and Dividing by 100 and 1000

× 1000	× 100			÷ 100	÷ 1000	
12 000	1200	12		18 000	180	18
157 000	15 700	157		458 000	4580	458
1 425 000	142 500	1425		7600	76	7.6
4500	450	4.5		950	9.5	0.95
250	25	0.25		516	5.16	0.516

Missing Number Addition Pyramids

Question	Answer
Use addition and subtraction calculations to complete these pyramids.	
1	<pre> 130900 / \ 59341 71559 / \ / \ 26333 33008 38551 / \ / \ / \ 12000 14333 18675 19876 </pre>
2	<pre> 128997 / \ 69764 59233 / \ / \ 37099 32665 26568 / \ / \ / \ 19001 18098 14567 12001 </pre>
3	<pre> 139270 / \ 71005 68265 / \ / \ 32459 38546 29719 / \ / \ / \ 14567 17892 20654 9065 </pre>
4	<pre> 124639 / \ 55712 68927 / \ / \ 24692 31020 37907 / \ / \ / \ 12345 12347 18673 19234 </pre>
5	<pre> 129989 / \ 59964 70025 / \ / \ 27396 32568 37457 / \ / \ / \ 14632 12764 19804 17653 </pre>

6	<pre> 1635550 / \ 898022 737528 / \ / \ 425801 472221 265307 / \ / \ / \ 201234 224567 247654 17653 </pre>
Extension	A variety of answers acceptable.

Extreme Earth Reading Comprehension

Q1: What does the word tsunami mean?

Accept the answer 'harbour wave' only.

Q2: '*...they'd plunder and pillage with glee.*' What do you think that this phrase means?

Accept answers which equate the phrase to meaning happily stealing / robbing / thieving from other ships.

Q2: Why might people confuse tsunamis and tidal waves?

Accept any answer which relates to the fact that tsunamis and tidal waves are both overly large waves which cause damage, such as:

- They might get them mixed up because they are both extremely big waves.
- They are both big waves which cause a lot of damage.

Q3: '*...which can travel across the ocean faster than a jet plane...*'

Why does the author describe a tsunami in this way?

Accept answers which relate to the author's intent to explain a tsunami's speed in a way that regular readers would understand, such as:

- It helps the reader to understand it because most people know how fast a plane travels.
- By comparing it to something they know, the reader can understand it better.

Q4: Approximately how much do tectonic plates move each year?

Accept the answer '(around) 2cm' only.

Extreme Earth Reading Comprehension

Accept answers which relate to the author's intent to explain a tsunami's height in a way that regular readers would understand, such as:

- **It helps the reader to understand it because most people can imagine how tall that statue is compared to themselves.**
- **By comparing it to something they know, the reader can visualise it better.**

Q6: Find and copy an adjective which describes the distance a tsunami can travel inland.

Accept the answer 'terrifying' only.

Q7a: How is the information in this text organised?

Accept any one or both of the following answers:

- **The author has used subheadings.**
- **It is organised by topic – the text is split into sections about different things.**

Q7b: For what reason has this been done?

Accept any answer which relates to making the text easier to read, making it easier to find specific bits of information or organising the text by content.

Q8: Why do you think that packing up belongings or visiting friends is a 'common mistake'?

Accept answers which discuss the fact that a lot of people would do this, not wanting to lose their items or leave their friends in danger, such as:

It might be a common mistake because lots of people rush back for their items because they don't want to lose them and then get caught by the tsunami.

Q9: '...eagle-eyed scientists can spot a few warning signs...'

Why does the word 'eagle-eyed' tell you about the scientists?

Accept answers which relate to scientists being very observant, quick to respond, always watching or especially good at their jobs, such as:

It tells us that the scientists are always watching carefully for the warning signs.

Extreme Earth Reading Comprehension

Accept answers which state that the value of human lives and safety outweighs the cost of the systems, such as:

- Even though they are expensive, it is worth the money to save many lives.
- They are being built because the cost is nothing compared to the value of the lives they will save.
- The money does not matter because they are so important to safety.

Q11: Summarise what you have read in 25 words or less.

Accept any reasonable summary of the text, including the definition of a tsunami, provided that it is given in 25 words or less, such as:

'Tsunamis are large waves that are caused by earthquakes, which grow over 30m tall and can travel 1,500m inland. People must get to higher ground.'

SPaG Activity Mat

a

Can you rewrite the sentence below as direct speech?

The shop assistant told him that the cost was six pounds exactly.

Accept direct speech with the reporting clause either before or after the inverted commas, e.g. The shop assistant politely said, "That'll be six pounds exactly." OR "That'll be six pounds exactly," said the shop assistant politely.

c

Students Cook & Serve Grandparents!

Why is this newspaper headline ambiguous?

Accept an explanation about how the headline could be misconstrued and its readers may think that the students are actually cooking and serving their grandparents as food!

e

Underline the adverb of possibility or modal verb in the following sentences and say what type of word you have underlined.

a) Bridget might be able to attend the party.

modal verb _____

b) Perhaps Joe had lost his wallet when he was at the shopping centre.

adverb of possibility _____

b

Write a sentence using the commonly-confused homophone word 'practise'.

Accept any sentence where 'practise' is used in the correct context as a verb, e.g. The parkour instructor told Tessa to practise more if she wanted to complete the difficult jump.

d

Mr Whoops has accidentally jumbled up two words containing the 'ough' letter string. Can you help him unjumble them?

loguhath

although

goulph

plough



f

Insert commas around the relative clause in this sentence and underline the relative pronoun.

The war veterans, who were now all in their eighties, paraded proudly down the street.



Mr Whoops Statutory Spellings Activity

conscious foreign language category available bargain dictionary
programme guarantee forty pronunciation individual equip

Fix the Sentence Activity Mat

- 1) Thomas, mainly to earn more pocket money, had given the living room a thorough clean, which included vacuuming, dusting and removing the cobwebs from the ceiling lights. NB: Brackets or dashes could also have been used to mark the parenthesis.
- 2) If I were to be offered the job on the school council, I would accept it gratefully as I'd love to be a politician when I'm older.
- 3) In high spirits, Janelle entered the classroom and immediately announced, "What a marvellous day it is!"

Mystery of the Missing Emojis SPaG Problem-Solving Game

Clue 1: Formal or Informal Footprints?

Formal

profession
immediately
opportunity
sufficient
sacrifice
injustice
spectacles

Informal

job
now
chance
enough
give up

The culprit wore **smart shoes**.

Clue 2: Silly Synonyms

Poorly

peaky
ailing
unwell

Confused

baffled
muddled
bewildered
perplexed
puzzled

Angry

irate
annoyed
furious

Happy

ecstatic
overjoyed
gleeful
jovial

The emoji with the most synonyms is **confused** so this must be the worker's favourite emoji.

Clue 3: Prefix Packets

re-

connect
act
appoint
do
read
take

dis-

connect
courage
appoint
agree





over-

take
act
sleep
do

The prefix with the most words is **re-** so the culprit's favourite snack is **chocolate**.

Mystery of the Missing Emojis SPaG Problem-Solving Game

Start

immediate	stumach	lightnning	imediate	comittee	disasterous	queueu
foreign	sugest	lesiure	equipp	muscle	indevidual	desprate
restaurant	bargin	orkward	mischevious	sinsere	discionary	familliar
recommend	persuade	programme	determined	especially	hindrance	develope
curiosity	acording	sacrifise	concence	contraversy	forty	explanation
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recognnise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegetable	proffession	consious	twelth	prejudice	anscient	phisycal
achieve	equipt	vehical	acompany	immature	symbol	average
pronunsiation	exagerate	garantee	secretery	identtity	neccessary	parliament
privilige	temperature	critisize	langwage	apparent	availible	excellent
thorough 		harass 		community 		occupy 

The **culprit** wears glasses.

Clue 5: Terrible Texting

Corrections (Accept any relevant punctuation – semi-colon, colon, dash)

I'm sorry - it was me.

The emojis were annoying me: it felt like they were taking over the world!
I thought people would appreciate a day without emojis; I know I did!
I have never done anything like this before; it was wrong of me.

There are **4** missing boundaries between independent clauses so the emoji's house number is **4**.

The culprit was Craig Cry.