Thursday 4ᵗʰ June

Dear Year 6,

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

Here are the activities for this week for you to follow and complete. Our focus in English this week is SPaG so there are lots of activities to keep you busy and revisit key concepts.

We've attached a reading challenge that we would like you to try and complete this month. There are lots of books that you can read or listen to online for free. Two websites we would recommend are:
https://readon.myon.co.uk/
https://stories.audible.com/start-listen

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

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

Take care and keep smiling,

Mrs Graham and Mrs North

The Missing Emojis SPaG Problem-Solving Mystery 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!

The Worker's Descriptions

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 _____.

Clue 1

Formal or Informal Footprints?

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
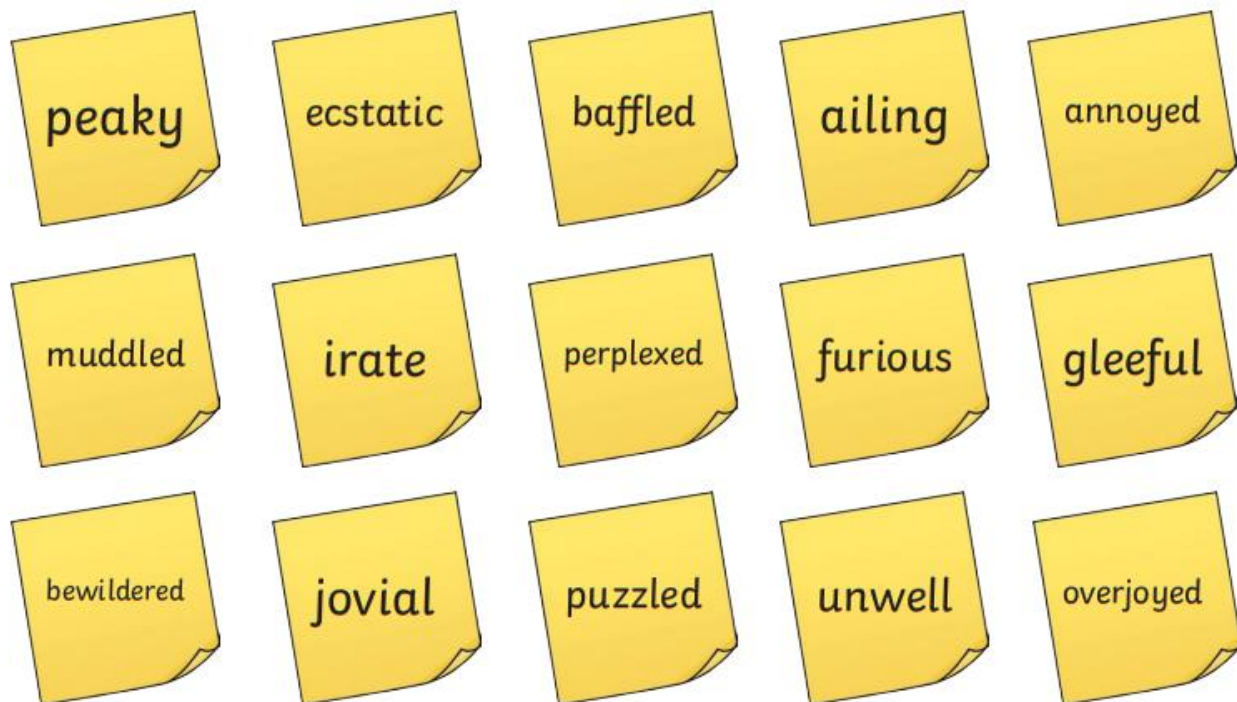
give up

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 _____.

Clue 2
Silly Synonyms

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.

peaky	ecstatic	baffled	ailing	annoyed
muddled	irate	perplexed	furious	gleeful
bewildered	jovial	puzzled	unwell	overjoyed

Poorly

Confused

Angry

Happy

The emoji with the most synonyms is _____

so this must be the worker's favourite emoji.

Clue 3
Prefix Packets

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.

connect

act

courage

take

sleep

appoint

read

agree

do

re-

dis-

over-

The prefix with the most words is _____

so the culprit's favourite snack is _____.

Clue 4
Eye-Spy the Culprit!

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	imediate	comittee	disasterous	queeu
foreign	sugest	lesiure	equipp	muscle	indevidual	desprate
restaurant	bargin	orkward	mischevious	sinsere	discionary	familliar
recommend	persuade	programme	determined	especially	hindrance	develope
curiousity	acording	sacrifise	concence	contraversy	forty	explaination
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recoggnise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegtable	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 _____ glasses.

Clue 5
Terrible Texting

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.

12:35   58%

Messages   Clear

Hello,

I'm sorry it was me. I don't know why I did it. 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. I will return the emojis straight away.

Please forgive me,

The Emoji Thief

Corrections

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

1) 68094 + 8643 =
2) 13986g =   kg
3) 804821 - 3894 =
4) 865.902 + 48.9 =
5)   - 36 = 893
6) 672 divided by 32 =
7) 55% of 440 =
8) 645 x 37 =
9) 48 + (7 x 3) =
10) 0.9 x 200

You know the rule!

Ten minutes to answer ten questions ☺

Extension
11) 3/5 + 2/10 =
12) 15% of 1000 =
13) 1 ½ x 57 =
14) 5/8 divided by 2 =

Maths Activity 4b – Algebra Puzzles

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

Learning Reminder

Express missing number problems algebraically.

The outside red numbers are multiplied to give the blue numbers in the central part of the table. Our challenge is to work out what letters 'a', 'b' and 'c' represent.

What do we multiply by 3 to give 21?

×	3	b
a	21	56
c	12	32

$3a = 21$, so $a = 7$

$ab = 56$ but we know $a = 7$, so $7b = 56$, so $b = 8$

How can we work out what c represents?

$3c = 12$
So $c = 4$

We can check $bc = 32$.
$8 \times 4 = 32$.

Express missing number problems algebraically.

What do the letters d, e and f represent?

×	d	e
f	60	36
8	40	24

×	5	3
12	60	36
8	40	24

Algebra puzzles

The pairs of letters/numbers on the outside of the table are added to give the numbers inside the table. Work out what numbers the letters represent.

+	a	b	c
45	54	65	68
30	39	50	53
26	35	46	49

a =
b =
c =

+	d	e	22
46	76	65	68
24	54	42	46
f	130	119	122

d =
e =
f =

+	g	40	h
51	76	91	102
43	68	83	94
i	100	115	126

g =
h =
i =

Algebra puzzles

Work out what numbers the letters represent in these puzzles and problems.

1.

X	a	b
4	20	48
c	35	84

2.

X	e	f
d	24	28
9	54	63

3.

X	12	g
3	36	30
h	72	i

4. Jason has *k* trading cards. Sally has 32. Altogether they have 60 trading cards. How many trading cards does Jason have?

5. Maya has 57 books. Eva has *m* more books than Maya. Altogether they have 120 books. How many more books does Eva have?

6. Chef has bought *n* buns as 20p each. He spent £40. How many buns did he buy?

7. Marcus collected 40 shells. He gave *p* shells to his sister. He was left with 32 shells. How many did he give to his sister?

Check your understanding
Questions

+	a	b	10
c	18	16	21
8	15	13	18
d	13	11	16

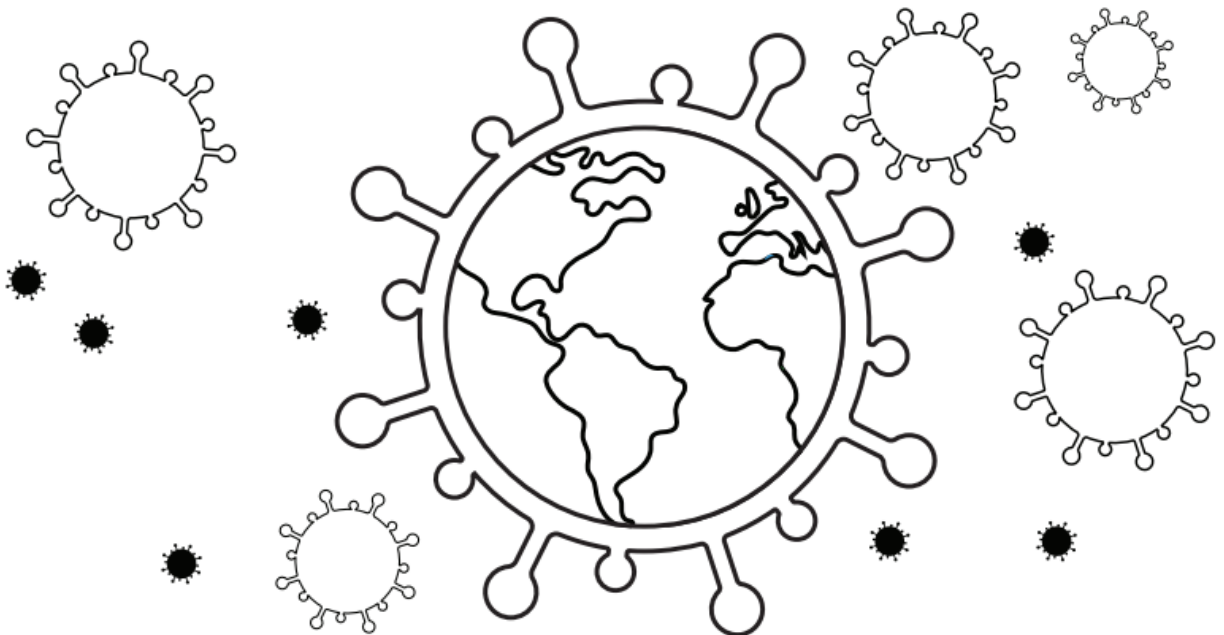The pairs of letters/ numbers on the 'outside' of the table are **added** to give the numbers inside the table.
Work out what numbers the letters represent.

x	6	e	f
g	54	72	27
h	42	56	21
9	54	72	27

The pairs of letters/ numbers on the outside of the table are **multiplied** to give the numbers inside the table.
Work out what numbers the letters represent.

13

MY 2020 COVID-19 TIME CAPSULE
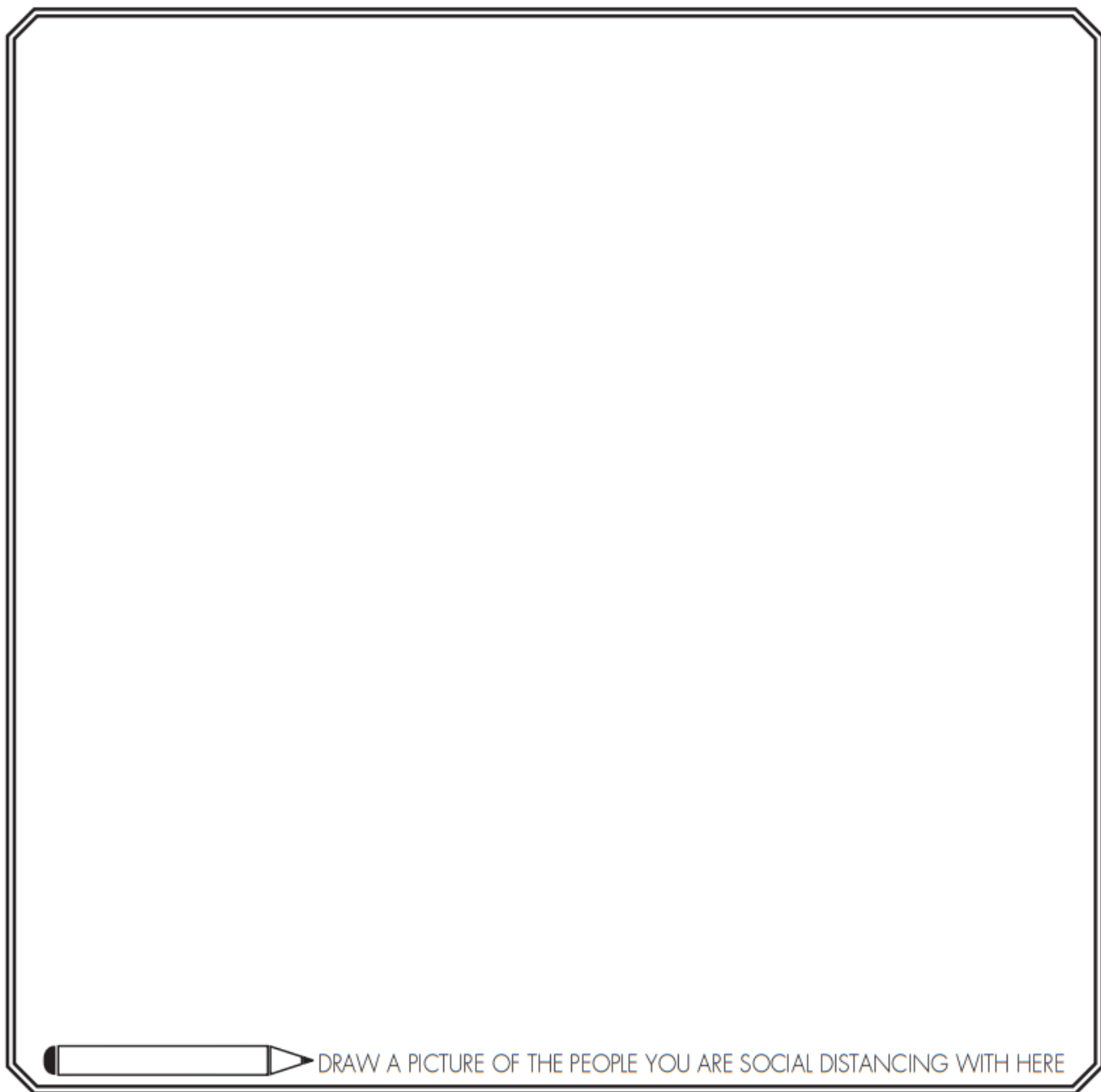
BY: _____

YOU ARE LIVING THROUGH HISTORY RIGHT NOW

TAKE A MOMENT TO FILL IN THESE PAGES FOR YOUR FUTURE SELF TO LOOK BACK ON. AND HERE ARE SOME OTHER IDEAS OF THINGS TO INCLUDE:

- [ ] SOME PHOTOS FROM THIS TIME
- [ ] A JOURNAL OF YOUR DAYS
- [ ] LOCAL NEWSPAPER PAGES OR CLIPPING
- [ ] ANY ART WORK YOU CREATED
- [ ] FAMILY / PET PICTURES
- [ ] SPECIAL MEMORIES

DRAW A PICTURE OF THE PEOPLE YOU ARE SOCIAL DISTANCING WITH HERE

HOW I'M FEELING
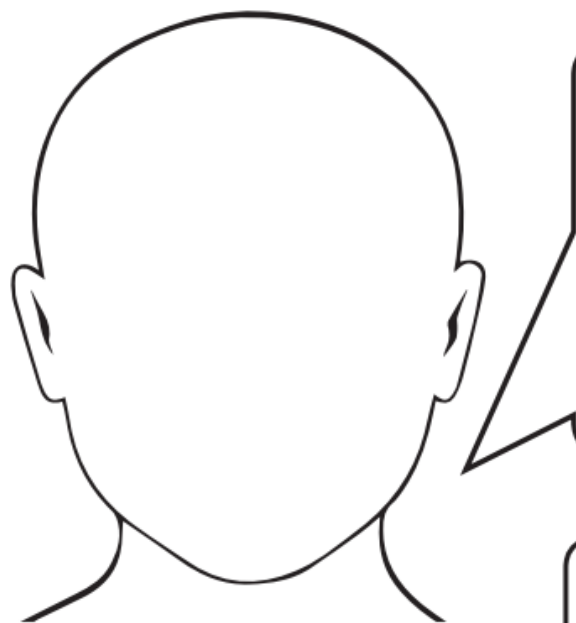
WORDS TO DESCRIBE HOW I FEEL:

HOW MY FACE LOOKS

☺ ☺ ☺ ☹ ☹

WHAT I HAVE LEARNT MOST FROM THIS EXPERIENCE:

_____

_____

_____

_____

I AM MOST THANKFUL FOR

_____

_____

THE 3 THINGS I AM MOST EXCITED TO DO WHEN THIS IS OVER:

1 _____

_____

_____

2 _____

_____

_____

3 _____

_____

_____

YOU ARE NOT STUCK AT HOME, YOU ARE SAFE AT HOME!

WHAT I AM DOING TO KEEP BUSY AT HOME:

SPECIAL OCCASIONS

WHAT OCCASIONS DID YOU CELEBRATE DURING THIS TIME?
WRITE THE LIST DOWN HERE AND WHAT YOU DID TO CELEBRATE
(E.G. ST. PATRICK'S DAY, EASTER, BIRTHDAYS, ANNIVERSARIES)

EVENT	DATE	HOW YOU CELEBRATED

INTERVIEW YOUR PARENTS

WHAT HAS BEEN THE BIGGEST CHANGE?

HOW ARE YOU FINDING HOMESCHOOLING?

DAYS SPENT INSIDE

HOW ARE YOU FEELING?

YOUR TOP 3 MOMENTS FROM THIS EXPERIENCE:

1. _____

2. _____

3. _____

WHAT ACTIVITIES/HOBBIES HAVE YOU MOST ENJOYED DOING?

WHAT ARE YOU MOST THANKFUL FOR?

WHAT TV SHOW YOU WATCHED : _____

YOUR NEW FOUND FAVOURITE INSIDE FAMILY ACTIVITY:

_____

FAVOURITE FOOD TO BAKE:_____

FOVOURITE TIME OF DAY: _____

GOAL/S FOR AFTER THIS:

The Missing Emojis SPaG Problem-Solving Mystery Game - **Answers**

Clue 1: Formal or Informal Footprints?

Formal	Informal
profession	job
immediately	now
opportunity	chance
sufficient	enough
sacrifice	give up
injustice	
spectacles	

The culprit wore **smart shoes.**

Clue 2: Silly Synonyms

Poorly	Confused	Angry	Happy
peaky	baffled	irate	ecstatic
ailing	muddled	annoyed	overjoyed
unwell	bewildered	furious	gleeful
	perplexed		jovial
	puzzled		

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

Clue 3: Prefix Packets

re-	dis-	over-
connect	connect	take
act	courage	act
appoint	appoint	sleep
do	agree	do
read		
take		

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

Clue 4: Eye-Spy the Culprit!

Start

immediate	stumach	lightnning	imediate	comittee	disasterous	queeu
foreign	sugest	lesiure	equipp	muscle	indevidual	desprate
restaurant	bargin	orkward	mischevious	sinsere	discionary	familliar
recommend	persuade	programme	determined	especially	hindrance	develope
curiousity	acording	sacrifise	concence	contraversy	forty	explaination
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recoggnise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegtable	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.

1) 76737
2) 13.986kg
3) 800927
4) 914.802
5) 929
6) 21
7) 242
8) 23865
9) 69
10) 180
11) 8/10
12) 150
13) 85.5
14) 5/16

Practice Sheet Answers

Algebra puzzles (mild)

a = 9   b = 20   c = 23
d = 30   e = 19   f = 100
g = 25   h = 51   i = 75

Algebra puzzles (hot)

1.   a = 5   b = 12   c = 7
2.   d = 4   e = 6   f = 7
3.   g = 10   h = 6   i = 60
4.   k = 28
5.   m = 63
6.   n = 200
7.   p = 8

Check your understanding
Answers

+	a	b	10
c	18	16	21
8	15	13	18
d	13	11	16

a = 7
b = 5
c = 11
d = 6

x	6	e	f
g	54	72	27
h	42	56	21
9	54	72	27

e = 8
f = 3
g = 9
h = 7

24