

Year 3

Independent Maths & English Work Booklet

1



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Pirates

Multiplication and Division Code Breaker

Use the code breaker to reveal the pirate-themed words.
Find the words that you reveal in the word search.



a	b	c	d	e	f	g	h	i	j	k	l	m
3	4	6	8	9	12	15	16	18	20	21	24	27

n	o	p	q	r	s	t	u	v	w	x	y	z
28	30	33	36	40	44	48	56	64	72	80	88	96

	Answer	Letter
$32 \div 8$		
7×8		
$18 \div 3$		
$24 \div 4$		
$24 \div 8$		
7×4		
$27 \div 3$		
$72 \div 8$		
5×8		

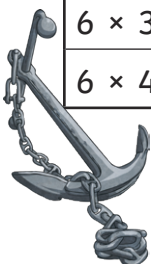
11×3		
8×3		
$12 \div 4$		
7×4		
7×3		

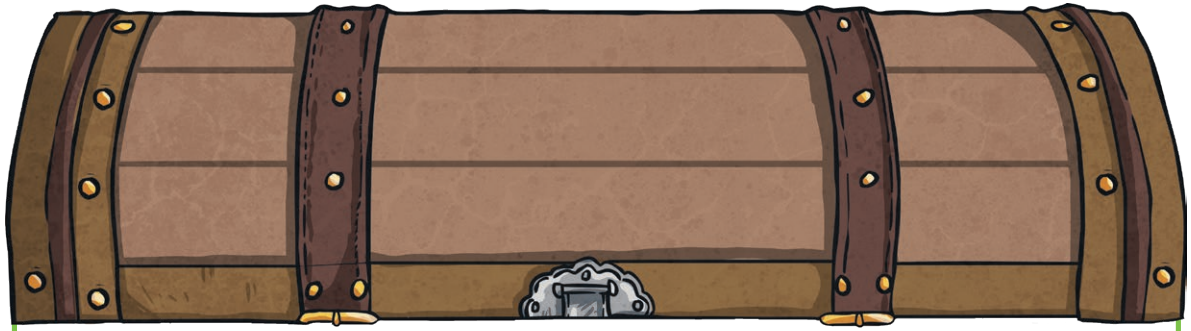
11×4		
$24 \div 8$		
6×3		
6×4		

	Answer	Letter
11×3		
$9 \div 3$		
10×4		
8×5		
10×3		
12×4		

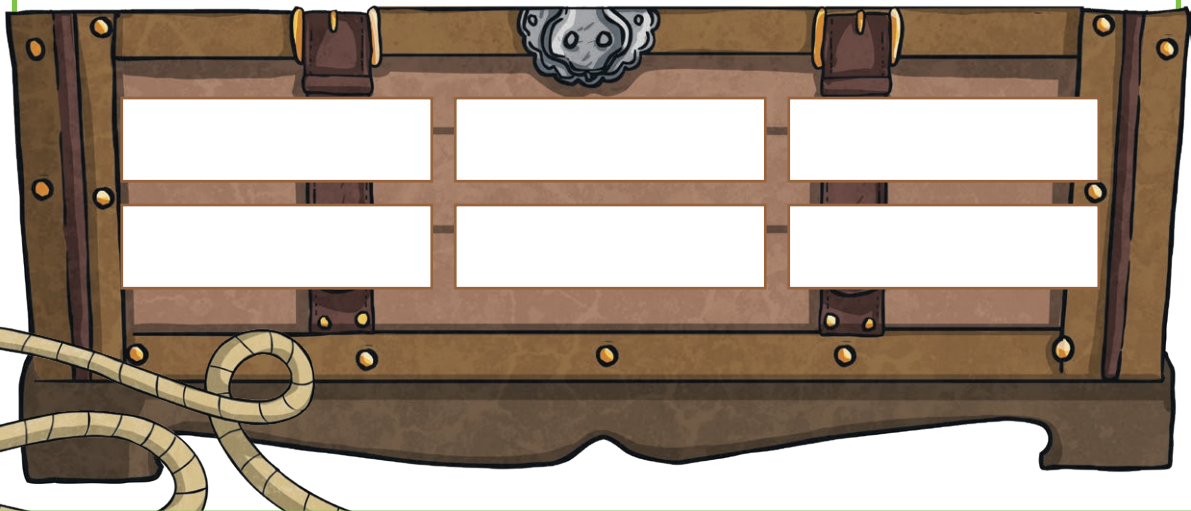
$48 \div 8$		
$9 \div 3$		
11×3		
12×4		
$24 \div 8$		
6×3		
7×4		

$18 \div 3$		
7×8		
6×8		
6×4		
$12 \div 4$		
11×4		
11×4		





p a r o t f g h i j k l
m n p p q r s t u p w x
y z a l c c u t l a s s
k l b n a p q r s r u v
w x y u a n c d e r g h
s j k l c n k p q o s t
n v w x y c s b c t e f
a h i j k l a n o p q r
i s u v w x i n a b c d
l f a h i j l l e n o p
q c a p t a i n y e a b
c d e f g h i j k l r n



Pirates

Maths Activity Mat

Section 1

Order these fractions from the smallest to largest:

$$\frac{4}{4} \quad \frac{2}{4} \quad \frac{3}{4} \quad \frac{1}{4}$$


--	--	--	--

Section 3

Draw a pair of parallel lines:

Section 4

6 eggs fill one box.
If I have 24 eggs, how many boxes will I need?



Section 5

How many minutes are there in 1 and a half hours?

Section 2

How many right angles does a square have?

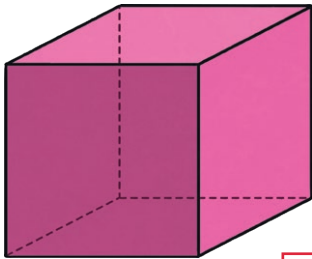
Write two more facts about squares:

Section 6

Cassie has 24 flowers and 4 vases. If she shares them equally, how many flowers will be in each vase?

Section 7


How many faces does this 3D shape have?



Section 8

An entrance ticket for a theme park costs £20 and I can go on as many rides as I like.

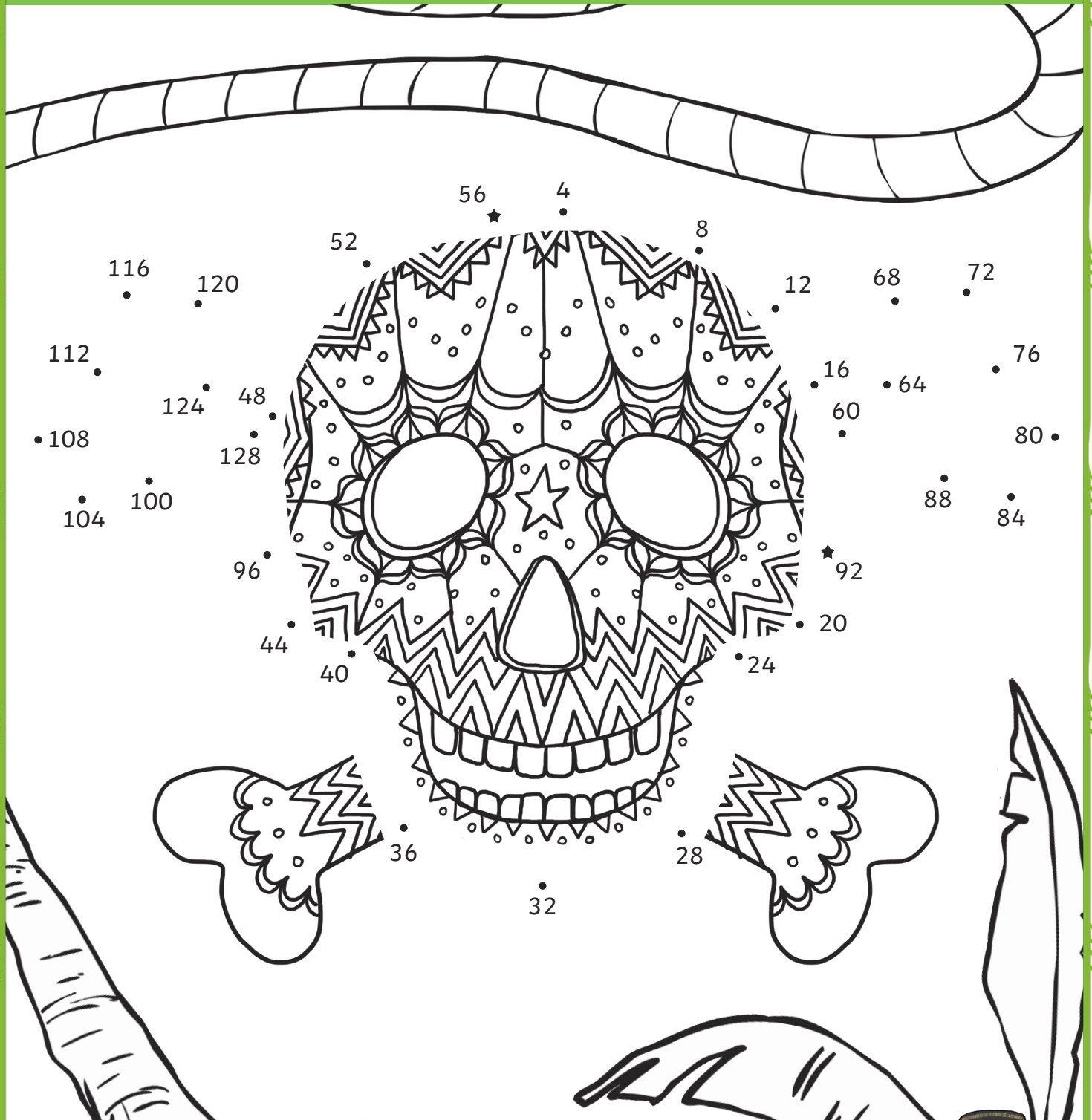
Or each ride costs £3. If I want to go on 4 rides, is it cheaper to pay for each ride or buy the entrance ticket?



Pirates

Counting in Multiples Dot to Dot

Count on in multiples of four and join the dots to complete the picture. A star dot shows the end of a line. When you reach a star dot, start a new line from the next multiple.



When you've finished the dot to dot, colour in the picture with some of your favourite pirate-themed colours!



Pirates

Mental Calculations Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

$784 - 500$	$118 + 200$	$306 + 400$	$915 - 200$	$142 + 600$	$708 - 400$	$884 - 500$	$763 - 500$	$624 - 300$
$226 + 100$	$219 + 500$	$823 - 123$	$362 - 200$	$105 + 100$	$456 + 300$	$691 - 400$	$509 - 200$	$799 - 400$
$918 - 600$	$256 + 200$	$598 - 100$	$763 - 700$	$622 - 400$	$879 - 100$	$139 + 200$	$807 - 500$	$992 - 600$
$571 - 300$	$711 - 300$	$322 + 200$	$749 - 500$	$117 + 100$	$542 + 200$	$582 - 300$	$792 - 500$	$248 + 100$
$111 + 200$	$999 - 500$	$442 - 400$	$604 + 100$	$422 + 400$	$482 + 300$	$211 + 600$	$544 - 200$	$676 - 400$
$678 - 300$	$826 - 500$	$206 + 100$	$518 + 200$	$615 + 200$	$983 - 200$	$506 + 300$	$164 + 200$	$711 - 400$
$867 - 600$	$951 - 700$	$420 + 300$	$908 - 200$	$637 + 200$	$159 + 400$	$981 - 400$	$147 + 600$	$159 + 100$
$706 - 400$	$854 - 600$	$662 + 100$	$384 + 400$	$925 - 300$	$213 + 400$	$156 + 400$	$465 + 500$	$764 - 400$
$158 + 200$	$573 - 200$	$876 - 100$	$523 + 300$	$279 + 400$	$869 - 200$	$256 + 300$	$274 + 700$	$958 - 100$
$661 - 400$	$750 - 500$	$591 + 200$	$849 - 100$	$139 + 500$	$313 + 300$	$875 - 300$	$188 + 700$	$466 + 500$

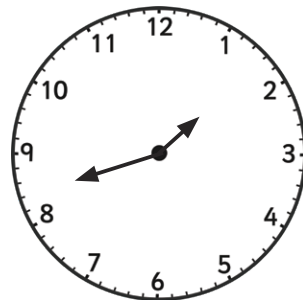
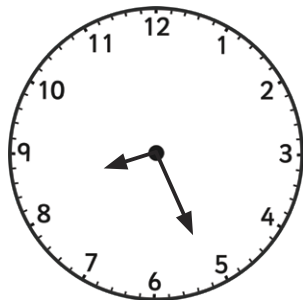
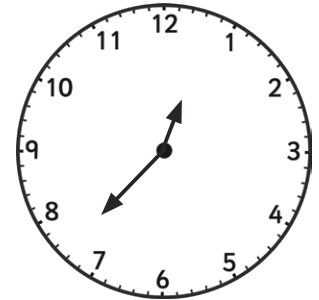
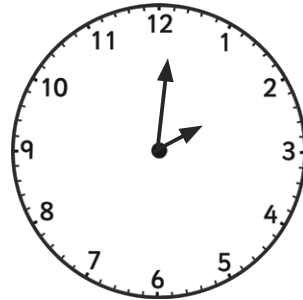
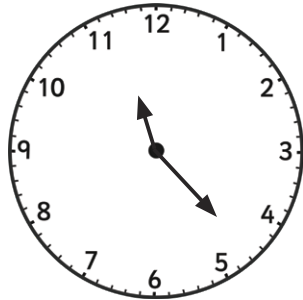
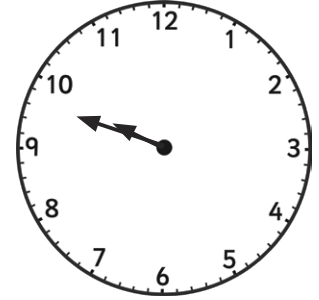
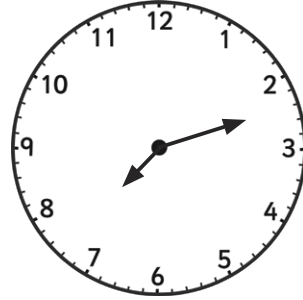
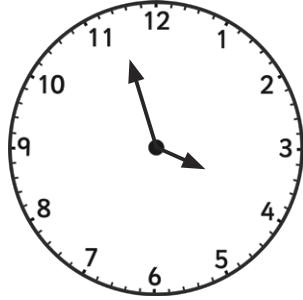
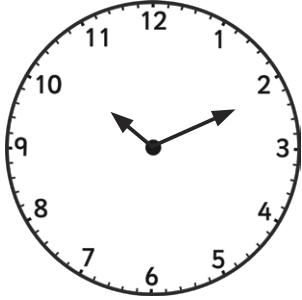
If the answer is...

0 to 99	100 to 249	250 to 399	400 to 549	550 to 699	700 to 849	850 to 999
then colour the square	then colour the square	then colour the square	then colour the square	then colour the square	then colour the square	then colour the square
black	white	blue	yellow	green	red	purple

Pirates

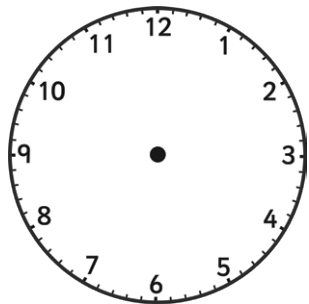
Time to Set Sail!

Captain Seasalt and his crew are trying to plan when each of their ships will set sail tomorrow for the big treasure hunt. Help them complete the timetable by writing the times shown on each clock.

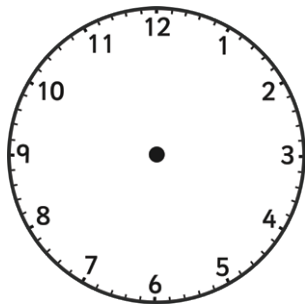




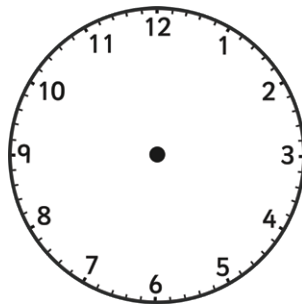
Now, the crew need to plan when their ships will return the following day. This time, they need help drawing the hands on each clock.



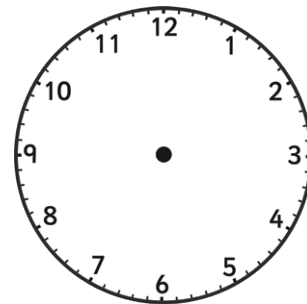
2 o'clock



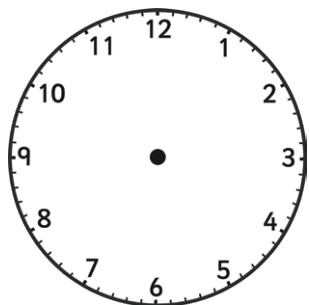
half past 11



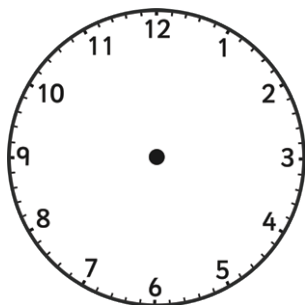
quarter to 3



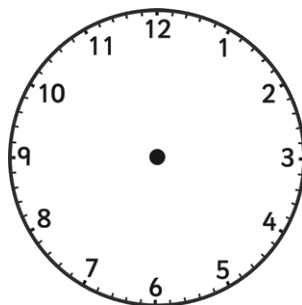
quarter past 8



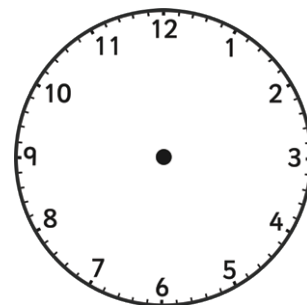
10:20



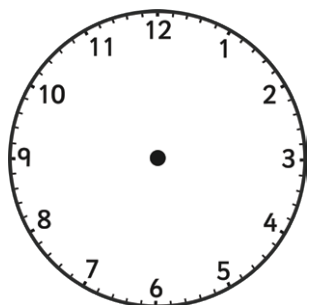
3:40



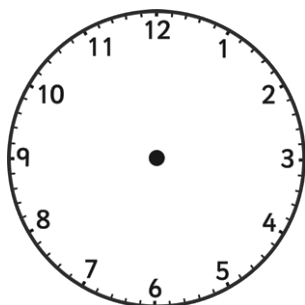
1:55



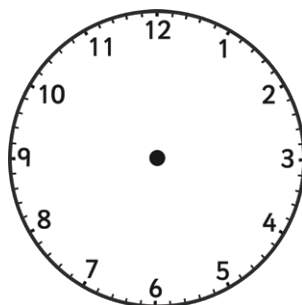
6:05



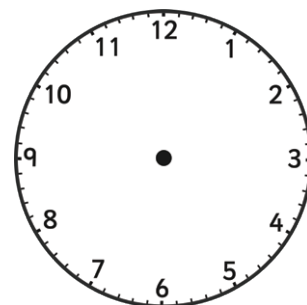
4:12



7:41



8:27



9:11

Astronauts

SPaG Checklist



Can you...?

Underline and correct the spelling mistakes in this sentence.

Yesterday, I had a terrible accidant when I fell off my bisycle.

I did it!



Can you...?

Insert inverted commas into this direct speech sentence.

Would you like to come to our spaceship? asked the alien.

I did it!



Can you...?

Underline all the verbs in this sentence.

James stirred the cake mixture, poured it into the rocket-shaped tin and put it into the oven.

I did it!



Can you...?

Add an adjective to this sentence.

The snake slithered through the grass.

I did it!



Can you...?

Add a full stop, exclamation mark or question mark to the end of this sentence.

What a gigantic planet that is



I did it!



Can you...?

Are the following letters consonants or vowels?

E

T

I did it!

Astronauts

A Rain Song

Read the poem and then answer the questions on the next page.

Tinkle, tinkle, lightly fall
On the peach buds, pink and small;
Tip the tiny grass and twinkle
On the clover, green and tall.

Tinkle, tinkle, faster now,
Little raindrops, smite and sprinkle,
Cherry-bloom and apple-bough,
Pelt the elms, and show them how
You can dash and splash, splash, splash!

While the thunder rolls and mutters,
With the lightning's flash and flash.
Then twist into curls
Of a million misty swirls,
And thread the air with silver,
And embroider it with pearls!

And patter, patter, patter
To a quicker time and clatter
On the streaming window pane.
Rain, rain on the leaves and the eaves,
And the turning weather vane.



Questions



1. Why do you think that the author repeats words like 'tinkle', 'splash' and 'patter' throughout the text?



2. What happens to the speed of the rain over the course of the poem?



3. Which two verbs does the poet use to talk about the thunder's actions?



4. 'On the clover, green and tall'
What might a clover be in this sentence?

Astronauts

Alien Transmission

The spaceship has been approached by a group of friendly aliens! They are trying to send messages to the astronauts but, unfortunately, they are full of mistakes! Can you help the aliens fix their sentences so that the astronauts can read them?



Yelow dart frogs is extremly poisonus and dangerus creachurs!



i sumtimes play basketbawl with my neybour becos he were a amazing player.





at the super market the peopel, in the queue were begining to feel inpatient.



Is an yung rabbit called a kitten!





Last night Joe watch a grate football match, on the tellyvishun?



Astronauts

Spot Mr Whoops' Mistakes

Mr Whoops is a little bit clumsy...OK, he's very clumsy! Even though he's really trying hard with his writing, he's still accidentally misspelt 13 of his year 3/4 key spelling words. Could you then correct the words at the bottom of the sheet and create a list for Mr. Whoops to practise?

Highlight Mr Whoops' mistakes in the passage of text.

Then correct the words at the bottom of the sheet and create a list for Mr. Whoops to practise.



Granny Whoops' Dinner Disaster

My favorite day of the week has always been a Sunday. Even as a young boy, I remember Sundays being different and special. Most weeks, I would visit Granny Whoops' house, where we would have roast beef, mashed potatoes and Yorkshire puddings. Although she was famous for her huge portions, I would make every last mouthful disappear. One Sunday lunchtime, I accidentally tripped while carrying my plate. Luckily, Granny caught it but got covered in gravy! From then on, Granny made me promise never to walk around with crockery ever again. She's such an over-cautious woman!

Mr. Whoops needs to practise these words:

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

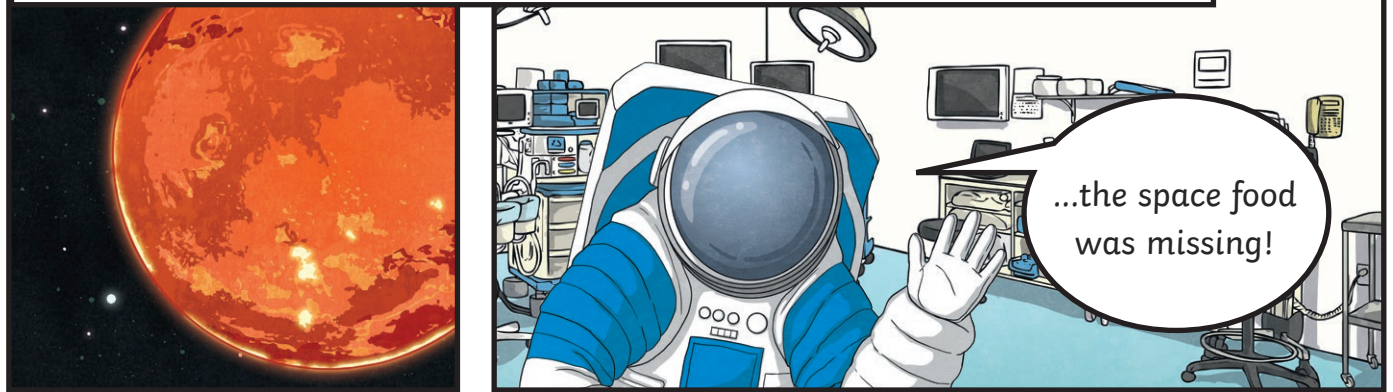


Thanks for your help! I'll get practising these words.
If only I could find where I'd left my pencil...

Astronauts: The Mystery of the Stolen Space Food

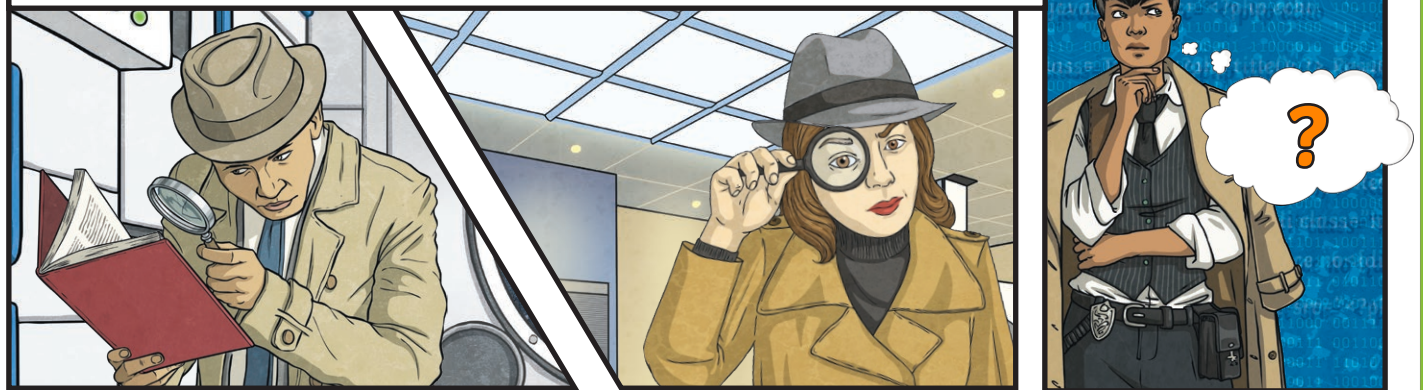
A serious crime has been committed before the launch of the space shuttle to Mars. On the night before the rocket was due to launch, everything had been prepared and packed.

When the astronauts went in to do their final checks, they found out that...



As the detective chief inspector, it is your job to find out who has stolen the food. Your officers have taken down the names and descriptions of the 30 astronauts who were training during the day.

Your officers have also found 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. Good luck!

Astronauts: The Mystery of the Stolen Space Food

Uniform Number	Astronaut Name	Male or Female?	Nationality	Colour of Uniform	Glasses	Age
1	Astrid	Female	British	Purple	Yes	31
2	Aurora	Female	American	Navy blue	Yes	32
3	Apollo	Male	Russian	Red	No	25
4	Belinda	Female	American	Navy blue	No	26
5	Comet	Male	Chinese	Red	No	35
6	Carina	Female	Chinese	Purple	No	41
7	Cassiopeia	Female	British	Orange	No	29
8	Draco	Male	British	Silver	Yes	38
9	Eos	Male	British	Silver	Yes	36
10	Esther	Female	American	Navy blue	No	33
11	Halo	Male	Chinese	Silver	No	45
12	Helene	Female	American	Orange	Yes	41
13	Juno	Female	British	Red	No	39
14	Leo	Male	Russian	Navy blue	Yes	38
15	Luna	Female	British	Navy blue	No	28
16	Lyra	Female	British	Silver	Yes	26
17	Mars	Male	Russian	Orange	No	25
18	Mercury	Male	Chinese	Orange	Yes	29
19	Miranda	Female	Chinese	Orange	Yes	39
20	Norma	Female	American	Silver	No	31
21	Nysa	Male	American	Purple	No	41
22	Orion	Male	Chinese	Red	No	45
23	Phoenix	Male	British	Purple	Yes	34
24	Portia	Female	Russian	Red	No	35
25	Rhea	Female	British	Orange	No	33
26	Rocket	Male	British	Silver	Yes	26
27	Themis	Male	British	Navy blue	No	37
28	Triton	Male	Chinese	Silver	Yes	29
29	Venus	Female	American	Orange	No	45
30	Wolf	Male	American	Silver	Yes	40



Clue 1: It's a Mystery!

Look at each of the words and decide whether to use 'a' or 'an' before each of them.



If you use 'a' more, then the culprit is male.



If you use 'an' more, the culprit is female.

astronaut 

spacesuit 

planet 

rocket 

asteroid 

comet 

alien 

eclipse 

helmet 

star 

I used _____ the most so that means the culprit must be _____.





Clue 2: Is it Perfect?

These present perfect sentences were written to describe the space mission. Decide whether they are written correctly or if they have mistakes.

.....
If there are more ticks, then the culprit wears glasses.

If there are more crosses, then the culprit does not wear glasses.

✓ or x

▶ The astronauts have prepared for this mission for months.

▶ "I have waited for this chance for years," said one of the astronauts.

▶ Unfortunately, the space food has disappeared from the storage cupboard.

▶ Mission control is delayed the takeoff.

▶ Tom Planets has eaten all of the space food.

▶ Luckily, the Space Agency will stored extra food in a safe place.

▶ Finally, the spare food has been packed into the rocket.

▶ The rocket has took off safely.

There were _____ crosses and _____ ticks. There were more _____ so the culprit _____ glasses.







Clue 3: Comma Confusion

These space sentences all include fronted adverbials but only one of them has been punctuated correctly.


Find which sentence is correct and the culprit's uniform colour will be revealed.




Wearing his orange uniform Mercury prepared for his first space mission.




As fast as a rocket, the silver meteor zoomed into the Earth's atmosphere.



Stranded on the moon Helene, noticed the sky was turning navy blue.



Putting on her purple uniform, for the first time Carina felt more proud than she ever had before.



Magnified through, the telescope the craters on the red planet looked enormous.

The colour in the correctly punctuated sentence is _____
so the culprit's uniform is _____.





Clue 4: Lost in a Word Vortex...

Find your way through this vortex of year 3 and year 4 spelling words. Colour in the correct spellings, starting at 'start', to draw a path out of the vortex. You can only move horizontally or vertically.

By following the path of correctly spelt words, you will find out what the culprit's nationality is.

Start

answer	business	century	busy	dissapear	calender	breethe
adress	ocassion	forwords	favourite	weight	centre	experement
bycycle	acidentally	eigth	corght	exersise	circle	Febuary
knowledge	deside	certin	groop	famouse	continue	different
speshul	strate	grammer	hieght	beleive	naturel	early
potatos	women	although	popular	guide	accident	question
enuff	ordinary	exxtreme	arive	gard	medisine	dificult
compleet	regular	history	build	important	discribe	ocasionally
notis	hurd	increese	hart	learn	imagine	intrest
promis	often	supos	raign	probally	actually	posession
peculiar	library	material	experience	particular	length	variouse
naughty	remember	sentance	posishun	pirhaps	thru	oposite
island	seperate	minute	surprize	though	posess	possible

British



Russian



American



Chinese



The culprit's nationality is _____.



Clue 5: To Apostrophe or Not to Apostrophe

These space sentences all need apostrophes for possession. Read them carefully to check whether they have used apostrophes correctly.

.....
 If there are more ticks, then the culprit is less than 30 years old.
 If there are more crosses, then the culprit is more than 30 years old.

Sentence

✓ or x

As I was entering the space shuttle, I tripped over the captain's boots.

Space walks are fun but it is important to check your helmets seal's before leaving the space station.

The planets's rocks will be studied while we are there.

Seeing the aliens' vehicles approaching made us all panic.

The astronauts are always happy to see their families' faces when they make video calls back home once a week.

There were _____ crosses and _____ ticks.

There were more _____ so the culprit is _____
 than 30 years old.



The culprit is _____ .