

Easter

Easter is an important Christian festival during which Christians remember the death and resurrection of Jesus, whom they believe to be the Son of God. The exact date on which Easter falls is different each year. However, it is always celebrated after the spring equinox.

Most Christians refer to the week before Easter as Holy Week. During this week, Christians remember the last week of Jesus's life. Holy week contains many special days for Christians, beginning with Palm Sunday.

Palm Sunday

Palm Sunday, also sometimes known as Passion Sunday, is always celebrated on the Sunday before Easter Sunday. The Bible says that, on this day, Jesus and his disciples walked to Jerusalem for a Passover meal. Many people had heard that Jesus was about to arrive so a large crowd had gathered to welcome him. As Jesus rode a donkey into Jerusalem, the crowd took off their cloaks and laid them in the road for the donkey to walk over. They also took palm leaves from the trees. They laid them on the ground and waved them in the air shouting, "Hosanna! Hosanna! Blessed is the King of Israel!"

In remembrance of this, crosses made from palm leaves are given out at the special church services held on Palm Sunday each year.

Maundy Thursday

The Bible says that, on Maundy Thursday, Jesus and his disciples gathered together to eat their final meal, known as The Last Supper. As his friends gathered at the house, Jesus surprised them by washing their feet. This was unusual as Jesus was believed to be the son of God and washing feet was a task normally done by servants, yet, Jesus used this opportunity to teach his friends that they should always love one another and show kindness in humble ways.

Jesus passed bread and wine around the table. He explained that, after his death, his friends should share bread and wine to remember him by. It was later that evening when Jesus was betrayed by one of his disciples, named Judas.

In remembrance of this, bread and wine are shared at church services all year round. Up until the 18th century, the king or queen of England would wash the feet of poor people in London, just as Jesus had washed the feet of his friends on that fateful night.

Good Friday

On Good Friday, Roman guards nailed Jesus to the cross, which he had been forced to carry to a hill in the city of Golgotha, meaning 'place of the skull'. They placed a crown made of thorns on his head and left him to die. Some Christians believe that, as Jesus suffered, the sky turned black.

Christians across the world remember this day in many different ways. Some people attend special church services which retell the story of what happened to Jesus on this day. All of the flowers in churches around the world are taken down on this day.

Holy Saturday

According to the Bible, it was on Holy Saturday that Jesus's body was placed in a tomb. A heavy stone was rolled in front of the tomb's entrance and it was guarded by a Roman soldier.

To remember this, Christians around the world attend church services and an Easter candle (sometimes known as a Paschal candle) is lit. They use this time to reflect and await Jesus's resurrection.

Easter Sunday

Easter Sunday is a joyous time for Christians because it is the day that they believe that Jesus was resurrected. According to the Bible, the tomb of Jesus was found empty when his friends and family went to remove his body. That same day, and for forty days afterwards, Jesus's disciples saw him and realised that God had raised him from the dead. The resurrection of Jesus is important to Christians because it gives the promise of eternal life in heaven.

To celebrate Jesus's resurrection, special church services are held on this day. Gifts, including Easter eggs, are given and the church is filled with flowers which symbolise new life.

Glossary

Disciples – Followers of Jesus during his lifetime.

Resurrection – Rising from the dead.



The Date of Easter

The exact date that Easter Sunday is celebrated on changes every year.

Easter has been celebrated on: 5th April 2015,
27th March 2016, 16th April 2017
Easter will be celebrated on: 1st April 2018,
21st April 2019, 12th April 2020

Questions

- Which one of these might a Christian do on Good Friday? Tick one.
 - attend a church service
 - display new flowers in church
 - give each other gifts
 - go on a long walk
- Why did Jesus and his friends travel to Jerusalem on Palm Sunday? Tick one.
 - to spread the word of God
 - to eat a Passover meal
 - to take palm branches from the trees
 - to find a donkey to ride
- What is the meaning of the name **Golgotha**?

- Fill in the missing words from this sentence:
 'The _____ on which Easter falls is _____. However, it is always celebrated _____'.
- Match the question to the correct answer.

On which day of Holy Week did Jesus's friends find his empty tomb?

Maundy Thursday

On which day of Holy Week did The Last Supper occur?

Good Friday

On which day of Holy Week did Jesus carry a cross through the city?

Easter Sunday

- Using evidence from the text, explain why Jesus washing his friends' feet was unusual.

7. Explain the significance of the presence of fresh flowers on Easter Sunday.

8. Which day of Holy Week do you think is the most important and why?

9. How is Easter similar to another festival you know?

Answers

1. Which one of these might a Christian do on Good Friday? Tick one.
- attend a church service
 - display new flowers in church
 - give each other gifts
 - go on a long walk

2. Why did Jesus and his friends travel to Jerusalem on Palm Sunday? Tick one.
- to spread the word of God
 - to eat a Passover meal
 - to take palm branches from the trees
 - to find a donkey to ride

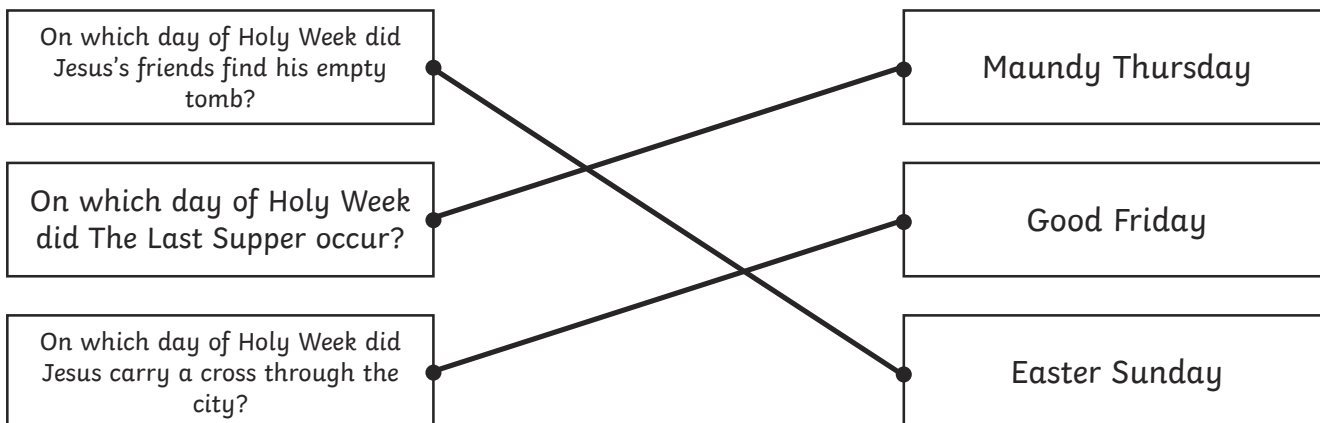
3. What is the meaning of the name **Golgotha**?

Accept the answer 'Place of the Skull' only.

4. Fill in the missing words from this sentence:

'The **exact date** on which Easter falls is **different each year**. However, it is always celebrated **after the spring equinox**'.

5. Match the question to the correct answer.



6. Using evidence from the text, explain why Jesus washing his friends' feet was unusual.

Accept any suitable answer, such as: This was unusual as it was a task normally done by servants yet Jesus was believed to be the son of God. You may think that Jesus's disciples would be cleaning his feet but instead the opposite was true.

7. Explain the significance of the presence of fresh flowers on Easter Sunday.

The presence of fresh flowers in churches on Easter Sunday is significant because they represent new life and symbolise the new life given to Jesus when he rose from the dead on Easter Sunday.

8. Which day of Holy Week do you think is the most important and why?

Pupils' own responses, such as: I think Easter Sunday is the most important day because Jesus rose from the dead and that gives Christians the promise of eternal life in heaven.

9. How is Easter similar to another festival you know?

Pupils' own responses, such as: Easter is similar to Christmas because they are both Christian festivals which mark important events in the life of Jesus.

Easter Maths

Addition and Subtraction

1. Add these numbers using mental methods.



$$\begin{array}{r} 763 + \\ 520 \end{array}$$



$$\begin{array}{r} 4328 + \\ 299 \end{array}$$



$$\begin{array}{r} 328\ 217 + \\ 46\ 002 \end{array}$$

2. Subtract these numbers using mental methods.

$$\begin{array}{r} 875 - \\ 350 \end{array}$$



$$\begin{array}{r} 267\ 550 - \\ 15\ 000 \end{array}$$

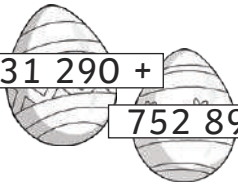


$$\begin{array}{r} 5286 - \\ 199 \end{array}$$

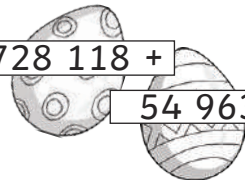


3. Add the numbers on the eggs using the written method of column addition.

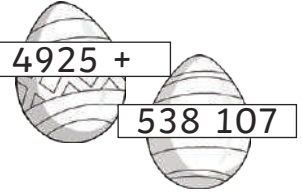
$$\begin{array}{r} 831\ 290 + \\ 752\ 895 \end{array}$$



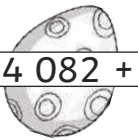
$$\begin{array}{r} 728\ 118 + \\ 54\ 963 \end{array}$$



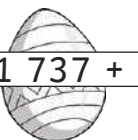
$$\begin{array}{r} 4925 + \\ 538\ 107 \end{array}$$



$$254\ 082 +$$



$$21\ 737 +$$



$$2\ 401\ 036 +$$

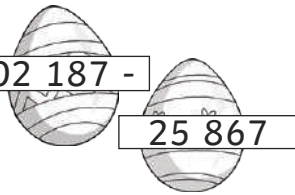


$$3861$$

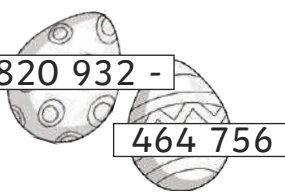


4. Subtract the numbers on the eggs using the written method of column subtraction.

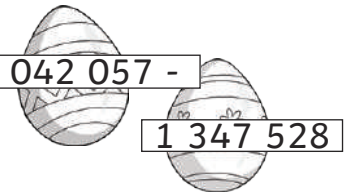
$$\begin{array}{r} 902\ 187 - \\ 25\ 867 \end{array}$$



$$\begin{array}{r} 2\ 820\ 932 - \\ 464\ 756 \end{array}$$



$$\begin{array}{r} 3\ 042\ 057 - \\ 1\ 347\ 528 \end{array}$$



Problem Solving Challenge:

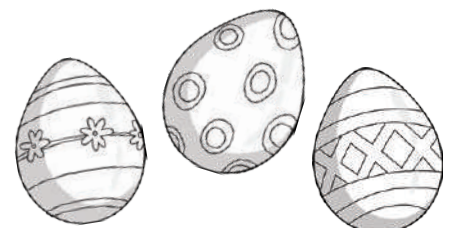
Three Easter eggs all weigh different amounts between 150 grams and 160 grams.

The first and the second egg weigh 314 grams altogether.

The second and the third egg weigh 306 grams altogether.

The first and the third egg weigh 310 grams altogether.

What are the weights of the eggs?



Easter Maths Answers

Addition and Subtraction

1. Add these numbers using mental methods.

$763 + 520 = 1283$

$4328 + 299 = 4627$

$328\ 217 + 46\ 002 =$

$374\ 219$

2. Subtract these numbers using mental methods.

$875 - 350 = 525$

$267\ 550 - 15\ 000 =$

$5286 - 199 =$

$252\ 550$

5087

3. Add the numbers on the eggs using the written method of column addition.

	8	3	1	2	9	0
+	7	5	2	8	9	5
<hr/>						
1	5	8	4	1	8	5
1			1	1		

	7	2	8	1	1	8
+		5	4	9	6	3
<hr/>						
7	8	3	0	8	1	
		1	1		1	

	2	4	0	1	0	3	6
+		2	5	4	0	8	2
<hr/>							
			2	1	7	3	7
<hr/>							
				3	8	6	1
<hr/>							
2	6	8	0	7	1	6	
			1	1	2	1	

	5	3	8	1	0	7
+			4	9	2	5
<hr/>						
5	4	3	0	3	2	
		1	1		1	

4. Subtract the numbers on the eggs using the written method of column subtraction.

	8	9	¹ 1			
	9	0	2	¹ 1	8	7
-		2	5	8	6	7
<hr/>						
8	7	6	3	2	0	

		7	¹ 1		8	¹ 2	
	2	8	2	¹ 0	9	3	¹ 2
-		4	6	4	7	5	6
<hr/>							
2	3	5	6	1	7	6	

		2	9	¹ 3	¹ 1		4
	3	0	4	2	¹ 0	5	¹ 7
-	1	3	4	7	5	2	8
<hr/>							
1	6	9	4	5	2	9	

Problem Solving Challenge:

$\text{Egg 1} = 159\text{g}$

$\text{Egg 2} = 155\text{g}$

$\text{Egg 3} = 151\text{g}$

The Mystery of the Crushed Chocolate Eggs

It's nearly Easter and a chocolate catastrophe has happened: all of the chocolate eggs were ready in the Easter Bunny's workshop but when he went in to do the final check, he found them all crushed! Why would someone crush the eggs? The culprit needs to be found and new eggs need to be made so that the celebrations can continue.

As the Detective Chief Inspector, it is your job to find out who crushed the eggs. Your officers have taken down the names and descriptions of the thirty bunnies who were making chocolate eggs in the workshop today.

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 against the list of names.

Good luck!



Bunny's Name	Male or Female	Favourite Food	Job in the Workshop	Wears Glasses?	Home
Bali	F	Carrots	Designing	Y	Burrow
Barnaby	M	Chocolate	Making	N	Garden
Barty	M	Carrots	Packing	Y	Garden
Bay	F	Cake	Designing	N	Garden
Bella	F	Chocolate	Making	N	Burrow
Ben	M	Carrots	Designing	Y	Garden
Bernadette	F	Chocolate	Packing	Y	Burrow
Bernard	M	Cake	Packing	Y	Garden
Bethany	F	Cake	Designing	Y	Garden
Bilbo	M	Cake	Packing	N	Garden
Bjorn	M	Carrots	Making	N	Burrow
Blaze	M	Chocolate	Making	Y	Garden
Blessing	F	Cake	Packing	Y	Burrow
Bliss	F	Chocolate	Packing	N	Burrow
Bluebell	F	Cake	Designing	Y	Burrow
Bobbie	M	Cake	Designing	N	Burrow
Bonny	F	Carrots	Making	N	Garden
Brandon	M	Carrots	Packing	Y	Burrow
Bridget	F	Cake	Making	Y	Garden
Brier	M	Carrots	Packing	Y	Burrow
Brinja	F	Cake	Designing	N	Burrow
Brittney	F	Chocolate	Designing	Y	Garden
Brodie	M	Carrots	Making	N	Garden
Bronwyn	F	Cake	Packing	Y	Burrow
Brooke	F	Chocolate	Making	N	Burrow
Bryana	F	Chocolate	Making	N	Burrow
Bryson	M	Carrots	Packing	Y	Burrow
Burton	M	Carrots	Designing	Y	Garden
Buzz	M	Chocolate	Designing	N	Garden
Byron	M	Chocolate	Making	N	Garden

Clue 1: To Apostrophize or Not?

To complete these sentences, you need to decide whether you need to add s or 's. If you use s more, then the culprit is male, but if you use 's more, the culprit is female.



The bunny___ all work hard to get ready for Easter.

Bright, coloured foil was used to cover the chocolate egg___.



The children___ basket_ will be empty if new egg___ are not made in time.

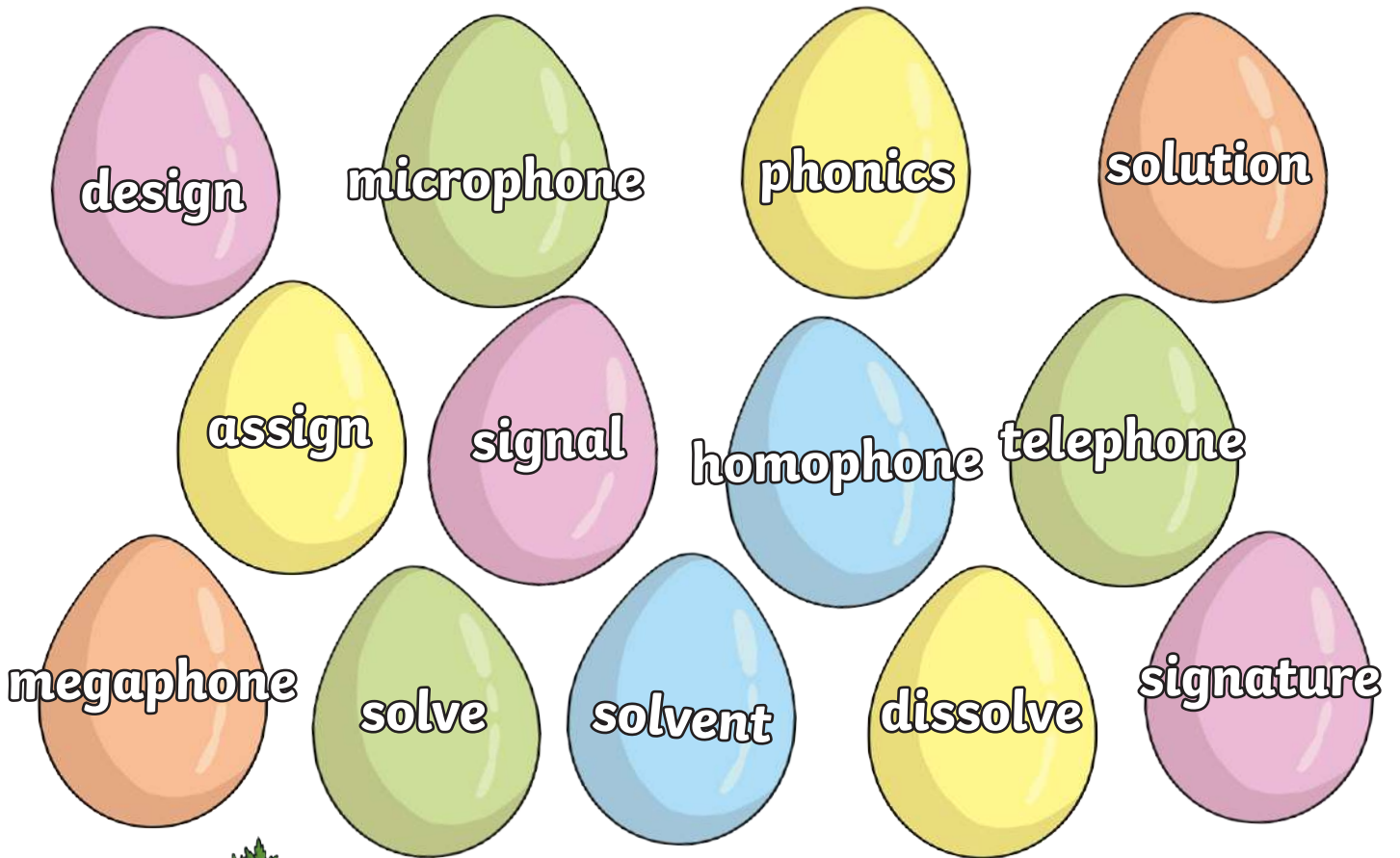
Decorated egg___ can be used to make people___ home___ look beautiful over Easter.



I used s / 's more so the culprit is _____.

Clue 2: Family Food Fight!

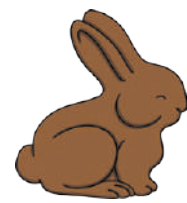
The word families have been muddled up in a food fight! Can you sort them out?
The word family with the most words in it will reveal the culprit's favourite food.



phone



sign



solve

The family with the most words is _____,
so the culprit's favourite food is _____.

Clue 3: Chocolate Comma Confusion

These are some of the statements, with fronted adverbials, that the culprits gave to the police. Somehow, they have ended up with splodges of chocolate on them! Check whether the chocolate has covered any commas or not. Give them a tick if they have their commas and a cross if the commas have been hidden by chocolate.

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

Statement	✓ or X
Earlier today, I heard Bobbie saying he was fed up of chocolate eggs.	
Because carrots are my favourite food, I always have a bag full for break times.	
Since we heard the awful news, I've been trying to think of how to design a new batch of eggs.	
Walking into the workshop, I am always hit by the scrumptious aroma of warm chocolate.	
As I waited to package more eggs, I noticed a chocolate paw print on the floor.	
If we can't make the new eggs in time, there will be a lot of disappointed children tomorrow.	

There are more _____
so the culprit _____.

Clue 4: Description Disasters

These are some of the descriptions written by the police officers. Decide whether they have expressed time, place or cause with a **conjunction**, **adverb** or **preposition**.

If they have used more **conjunctions**, the culprit works in the **designing** section.

If they have used more **adverbs**, the culprit works in the **making** section.

If they have used more **prepositions**, the culprit works in the **packing** section.

Description	Conjunction, Adverb or Preposition?
When I talked to Bella, she had chocolatey paws.	
During our conversation, I noticed Bay's cake-covered whiskers.	
I noticed Buzz putting a foil wrapper in the bin.	
Bronwyn was sitting on the workshop floor, crying.	
Because the chocolate eggs have all gone, the bunnies will have to make more.	
I immediately checked all of the worktops.	
Under the machinery, there was a large chocolate splodge.	
Before we leave, we will check the workshop.	



There are more _____
so the culprit works in the _____ section.

Clue 5: Find Your Way Home

Find your way through this maze of Y3/4 statutory spelling words. By following the path (vertically or horizontally) of correctly spelt words, you will find out where the culprit lives.

Start

busy	disappear	breathe	caught	islund	sentance	posess
surprize	peculliar	notiss	women	riegn	particullar	posision
librery	probbly	hart	accidentally	learn	believe	thruhg
reguler	thouhg	experiance	purhaps	variouse	centre	experiment
oftun	promis	posession	actally	heerd	bild	answer
matterial	although	straight	important	minute	arrive	enough
favorite	naughty	supose	medicin	histery	gide	imagin
ordinery	guard	circle	century	continue	opposite	ocasionally
certin	waight	naturel	callendar	buziness	separate	length
compleet	discribe	forewords	spesial	eigth	exstreme	difficult
address	grammar	early	knowledge	famous	remember	height
bicycle	ocassion	exersise	groupe	interrest	acidnt	populer
increase	deside	possible	differrent	question	potatos	February
garden		burrow		garden		burrow
						

The culprit lives in a _____.

The culprit is _____.

The Mystery of the Crushed Chocolate Eggs - Answers

Clue 1: To Apostrophize or Not?

The bunnie**S** all work hard to get ready for Easter.

Bright, coloured foil was used to cover the chocolate egg**S**.

The children'**S** basket**S** will be empty if new egg**S** are not made in time.

Decorated egg**S** can be used to make people'**S** home**S** look beautiful over Easter.

I used **s** more so the culprit is **male**.

Clue 2: Family Food Fight!

phone
microphone
homophone
phonics
telephone
megaphone

sign
design
signal
signature
assign

solve
solution
dissolve
solvent
solve

The family with the most words is **phone**, so the culprit's favourite food is **carrots**.

Clue 3: Chocolate Comma Confusion

Statement	✓ or X
Earlier today I heard Bobbie saying he was fed up of chocolate eggs.	X
Because carrots are my favourite food, I always have a bag full for break times.	✓
Since we heard the awful news, I've been trying to think of how to design a new batch of eggs.	✓
Walking into the workshop, I am always hit by the scrumptious aroma of warm chocolate.	✓
As I waited to package more eggs I noticed a chocolate paw print on the floor.	X
If we can't make the new eggs in time, there will be a lot of disappointed children tomorrow.	✓

There are more **ticks** so the culprit **wears glasses**.


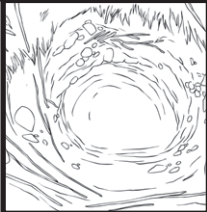

Clue 4: Description Disasters

Description	Conjunction, Adverb or Preposition?
When I talked to Bella, she had chocolatey paws.	Conjunction
During our conversation, I noticed Bay's cake-covered whiskers.	Preposition
I noticed Buzz putting a foil wrapper in the bin.	Preposition
Bronwyn was sitting on the workshop floor, crying.	Preposition
Because the chocolate eggs have all gone, the bunnies will have to make more.	Conjunction
I immediately checked all of the worktops.	Adverb
Under the machinery, there was a large chocolate splodge.	Preposition
Before we leave, we will check workshops.	Conjunction

There are more **prepositions**,
so the culprit works in the **packing** section.

Clue 5: Find Your Way Home

Start

busy	disappear	breathe	caught	islund	sentance	posess
surprize	peculliar	notiss	women	riegn	particullar	posision
librery	probbly	hart	accidentally	learn	believe	thruhg
reguler	thouhg	experiance	purhaps	variouse	centre	experiment
oftun	promis	posession	actally	heerd	bild	answer
matterial	although	straight	important	minute	arrive	enough
favorite	naughty	supose	medicin	histery	gide	imagin
ordinery	guard	circle	century	continue	opposite	ocasionally
certin	waight	naturel	callendar	buziness	separate	length
compleet	discribe	forewords	spesial	eigth	exstreme	difficult
address	grammar	early	knowledge	famous	remember	height
bicycle	ocassion	exersise	groupe	interrest	acidnt	populer
increase	deside	possible	differrent	question	potatos	February
garden		burrow		garden		burrow
						

The culprit lives in a **garden**.

The culprit was **Barty**.

All About Spring

Spring is one of the four seasons and is the season that comes after winter and before summer. Spring starts on 20th March and ends on the 21st June. Spring is the season when we change our clocks forward one hour to British Summer Time. We do this so we are awake for more of daylight hours and it was originally started to save money on candles. In spring, the weather is often unpredictable and we have a mixture of sunny and rainy days.

What happens to the animals?

Animals such as hedgehogs, grass snakes, lizards, adders, frogs and toads come out of hibernation on the first warm spring days. Animals also start to reproduce - you might see frogspawn in ponds and calves and lambs in fields.

Some animals move about a lot more in spring, such as squirrels. You can see squirrels scampering about, looking for food and climbing trees.

For many birdwatchers, spring is an exciting time of the year. This is because there are lots of migrant birds that come back to the UK in the spring. With the warmer weather, you can see swifts, cuckoos and nightingales.

What happens to the plants and the insects?

Nature is very busy in spring and there is an abundance of changes. You can see the trees and bushes sprout new leaves again in spring and many plants flower because the air and soil are warmer and there are more daylight hours.

Many more insects can be spotted in spring, including butterflies and bees, which like the flowers. Insects play a crucial role in pollination (the creation of new seeds) and help plants to reproduce.

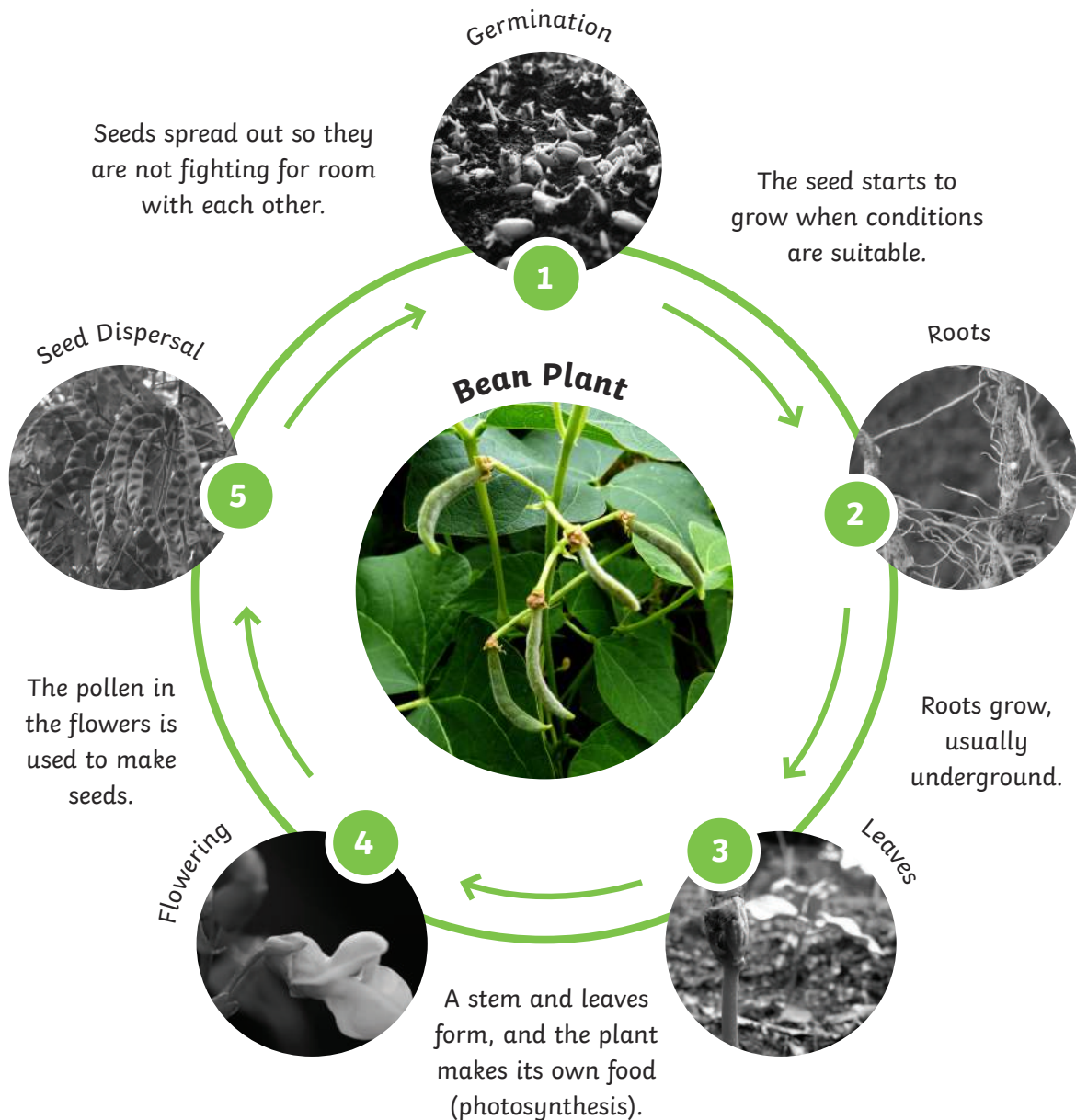
Did You Know...?

Hibernation isn't just a long sleep. During hibernation, creatures slow down their breathing and heart rates to save energy.

Bats can slow their heart rates down from 400 beats per minute, to 11!



The Flowering Plant Life Cycle



Easter

Easter is a celebration that happens in spring in the northern hemisphere. It started as a religious festival and now many people celebrate it with chocolate eggs, games or an Easter egg hunt. Easter Sunday always falls on a day between 22nd March and 25th April.

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Questions

1. Explain in your own words why the clocks move forwards one hour in spring.

2. How many beats per minute can a bat make their heart rate during hibernation? Tick **one**.

- 21
 11
 60
 20

3. List **three** animals mentioned in the text that come out of hibernation in spring.

4. Why do plants and trees grow more leaves and flowers in spring?

5. Explain in your own words why the author has used sub headings.

6. Read the **What Happens to the Plants and Insects** section.

What does the word **abundance** mean?

7. Fill in the table.

Pollen	
	The process in which seeds begin to grow.
Seed dispersal	
	These usually grow underground.

8. Why might someone like the season spring? Use evidence from the text to support your answer.

Answers

- Explain in your own words why the clocks move forwards one hour in spring.
Pupil's own response, such as: The clocks go forward one hour in springtime so we are awake more during the hours of daylight.
- How many beats per minute can a bat make their heart rate during hibernation? Tick **one**.
 21
 11
 60
 20
- List **three** animals mentioned in the text that come out of hibernation in spring.
Accept any three of the following:
 - **hedgehogs**
 - **adders**
 - **grass snakes**
 - **frogs**
 - **toads**
- Why do plants and trees grow more leaves and flowers in spring?
Plants and trees grow more flowers in spring because the conditions are better. The air and soil are warmer and there are also lots of insects that pollinate the flowers and create new seeds.
- Explain in your own words why the author has used sub headings.
Accept any answer that refers to the text being easier to read or that it enables the reader to find information, such as 'I think the author has used sub-headings in the text because it is a non-chronological report about spring. The sub-headings make it easier find information about spring as the facts are split into different sections.'
- Read the **What Happens to the Plants and Insects** section.
What does the word **abundance** mean?
The word abundance means 'lots of'.
- Fill in the table.

Pollen	This is used to make seeds.
Germination	The process in which seeds begin to grow.
Seed dispersal	When seeds are spread out so they have space to grow.
Roots	These usually grow underground.

8. Why might someone like the season spring? Use evidence from the text to support your answer.

Pupils own response that refers to the text, such as: 'Someone might like spring because lots of flowers grow and there are more animals about. It is also when the weather starts to get a bit warmer so people might like to spend some more time outside enjoying the weather and the wildlife.'

Easter Maths

Multiplication and Division

1. Solve these multiplication calculations using mental methods.



$$35 \times 100$$



$$432 \times 1000$$



$$328\ 217 \times 10$$

2. Solve these division calculations using mental methods.

$$870 \div 10$$



$$267\ 500 \div 100$$



$$5286 \div 1000$$



3. Multiply the numbers on the eggs using a written method.

$$8292 \times$$



5

$$6198 \times$$



7

$$4955 \times$$



9

$$7382 \times$$



24

$$2754 \times$$



57

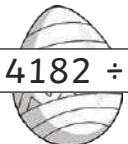
$$3693 \times$$



38

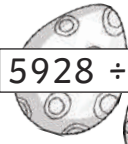
4. Divide these numbers using written methods.

$$4182 \div$$



6

$$5928 \div$$



8

$$4035 \div$$



15

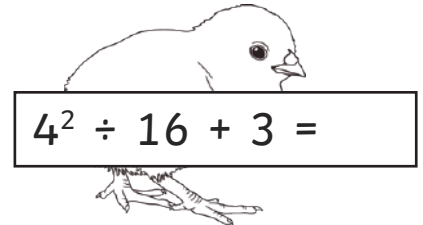
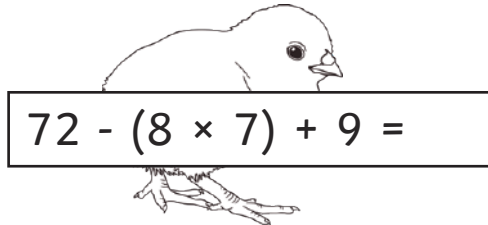
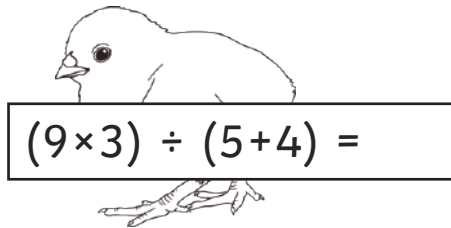
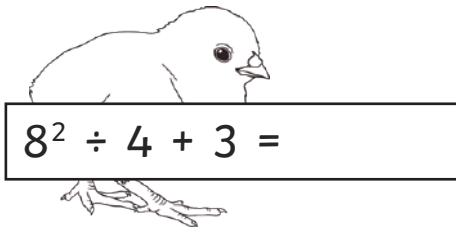
Easter Maths

Multiplication and Division

5. Write the common factors of the numbers on the hot cross buns.



6. Solve the calculations on the chicks using the order of operations.



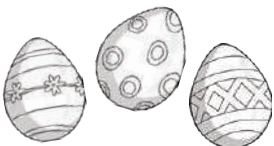
Problem Solving Challenge:

The Easter Bunny has between 210 to 240 eggs in his basket.

When he counts them in sevens, there are two left over.

When he counts them in threes, there is one left over.

How many eggs are in his basket?



Easter Maths Answers

Multiplication and Division

1. Solve these multiplication calculations using mental methods.

$$35 \times 100 = \mathbf{3500}$$

$$432 \times 1000 = \mathbf{432\ 000}$$

$$328\ 217 \times 10 = \mathbf{3\ 282\ 170}$$

2. Solve these division calculations using mental methods.

$$870 \div 10 = \mathbf{87}$$

$$267\ 500 \div 100 = \mathbf{2675}$$

$$5286 \div 1000 = \mathbf{5.286}$$

3. Multiply the numbers on the eggs using a written method.

			8	2	9	2	
x						5	
<hr/>							
			4	1	4	6	0
<hr/>							
			1	4	1		

			6	1	9	8	
x						7	
<hr/>							
			4	3	3	8	6
<hr/>							
			1	6	5		

			4	9	5	5	
x						9	
<hr/>							
			4	4	5	9	5
<hr/>							
			8	4	4		

			¹ 7	² 3				
			7	3	8	2		
x						2	4	
<hr/>								
			2	9	5	2	8	
			1	4	7	6	4	0
<hr/>								
			1	7	7	1	6	8
<hr/>								
			1	1				

			³	² 2	² 7	² 5		
				2	7	5	4	
x						5	7	
<hr/>								
			1	9	2	7	8	
			1	3	7	7	0	0
<hr/>								
			1	5	6	9	7	8
<hr/>								
			1					

			²	² 3	² 6	² 9		
				3	6	9	3	
x						3	8	
<hr/>								
			2	9	5	4	4	
			1	1	0	7	9	0
<hr/>								
			1	4	0	3	3	4
<hr/>								
			1	1	1			

4. Divide these numbers using written methods.

	0	6	9	7	
6		4	⁴ 1	⁵ 8	⁴ 2

	0	7	4	1	
8		5	⁵ 9	³ 2	8

		0	2	6	9	
1	5		4	0	3	5
		-	3	0		
			1	0	3	
			-	9	0	
				1	3	5
			-	1	3	5
				0	0	0

Easter Maths Answers

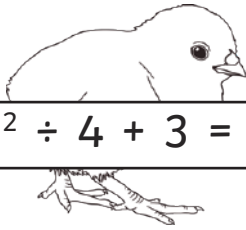
Multiplication

5. Write the common factors of the numbers on the hot cross buns.

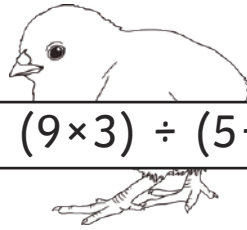


Answer: **1, 2, 3 and 6**

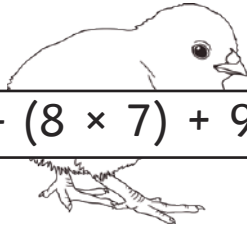
6. Solve the calculations on the chicks using the order of operations.



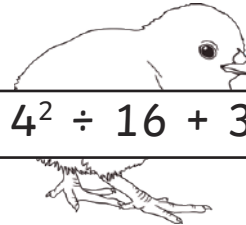
$$8^2 \div 4 + 3 = 19$$



$$(9 \times 3) \div (5 + 4) = 3$$



$$72 - (8 \times 7) + 9 = 25$$



$$4^2 \div 16 + 3 = 4$$

Problem Solving Challenge:

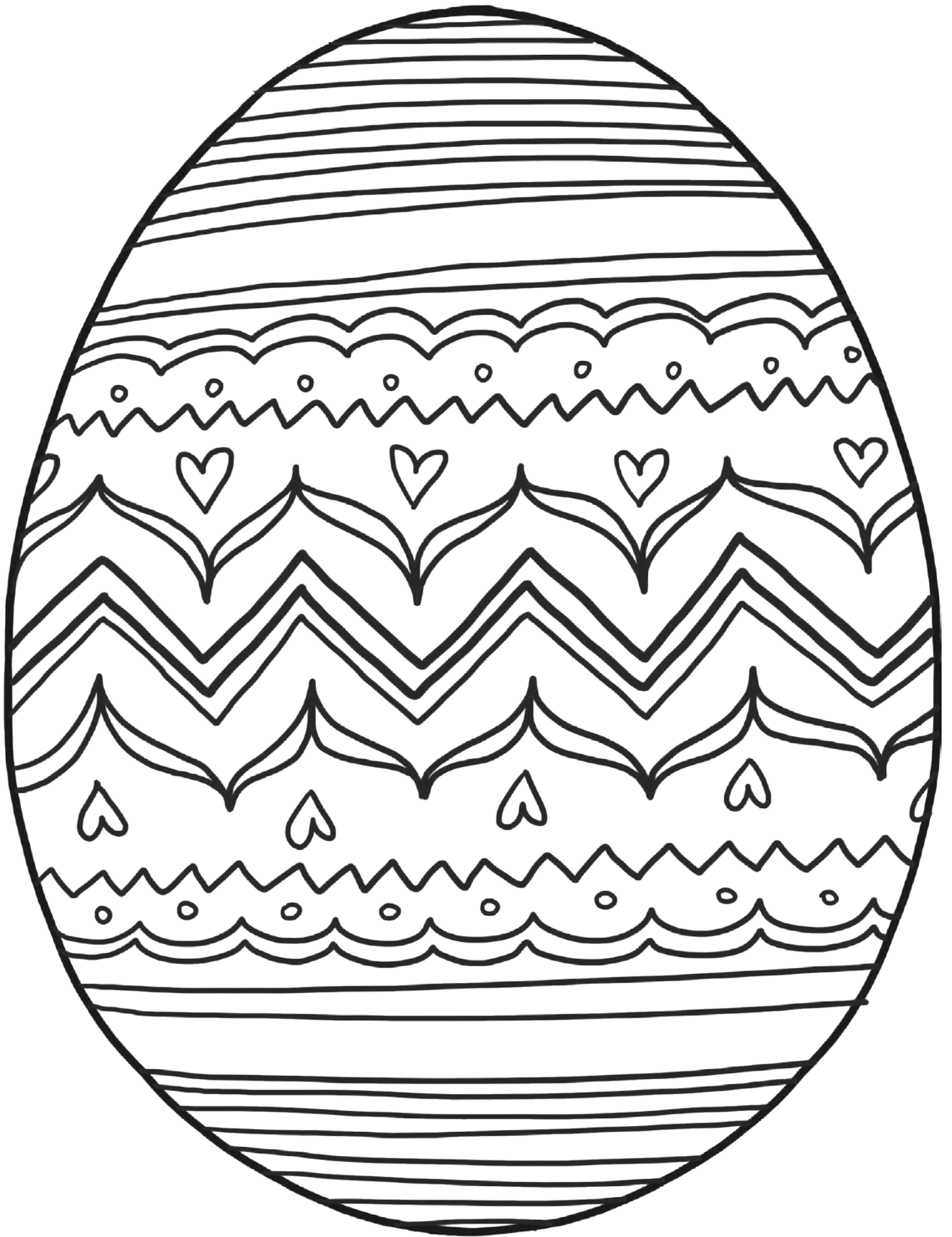
The Easter Bunny has between 210 to 240 eggs in his basket.

When he counts them in sevens, there are two left over.

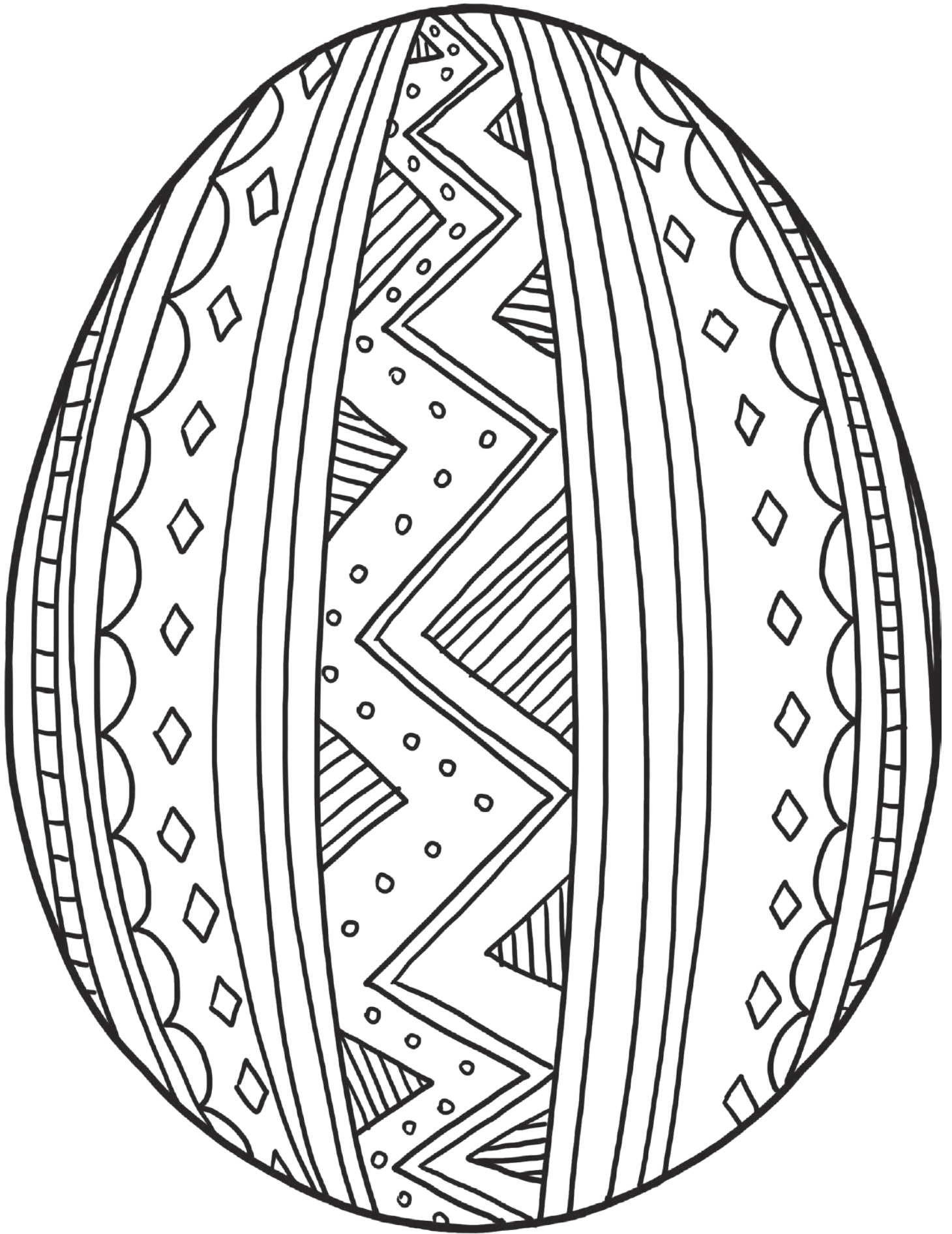
When he counts them in threes, there is one left over.

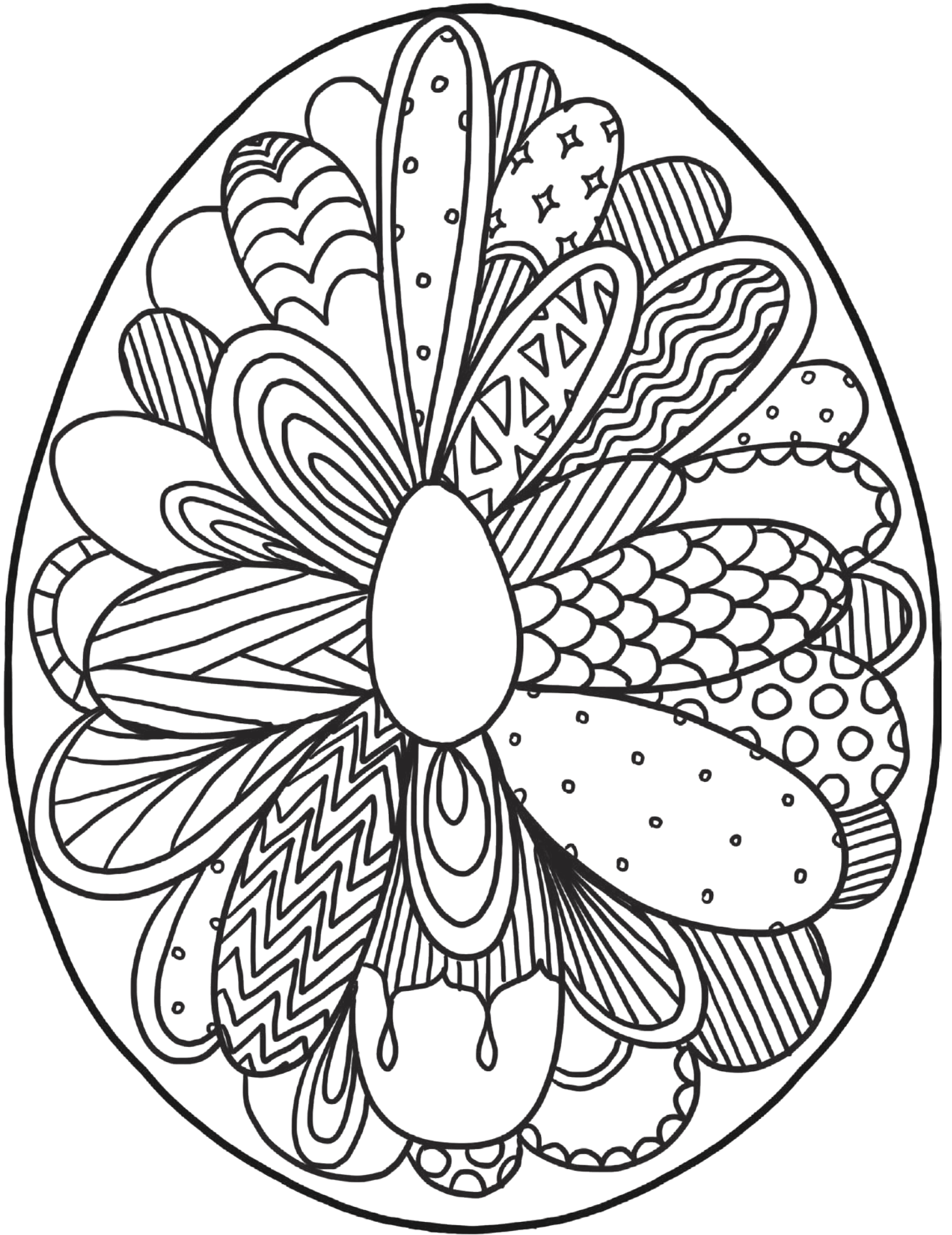
How many eggs are in his basket?

226 eggs









Neil Armstrong

Neil Alden Armstrong (an American astronaut working for NASA) is best known for becoming the first man to walk on the Moon in July 1969.

His Early Life

Born on 5th August 1930 in the state of Ohio, USA, Neil was the eldest of three children to Stephen Koenig Armstrong and Viola Louise. He developed an interest in flying at a young age when his father took him to the National Air Races as a toddler. At the age of six, Neil flew for the first time with his father. As a teenager, Neil had a part-time job and used the money he earned to pay for flying lessons. He earned his student pilot certificate on his 16th birthday and flew solo soon after – all before he had a licence to drive a car!

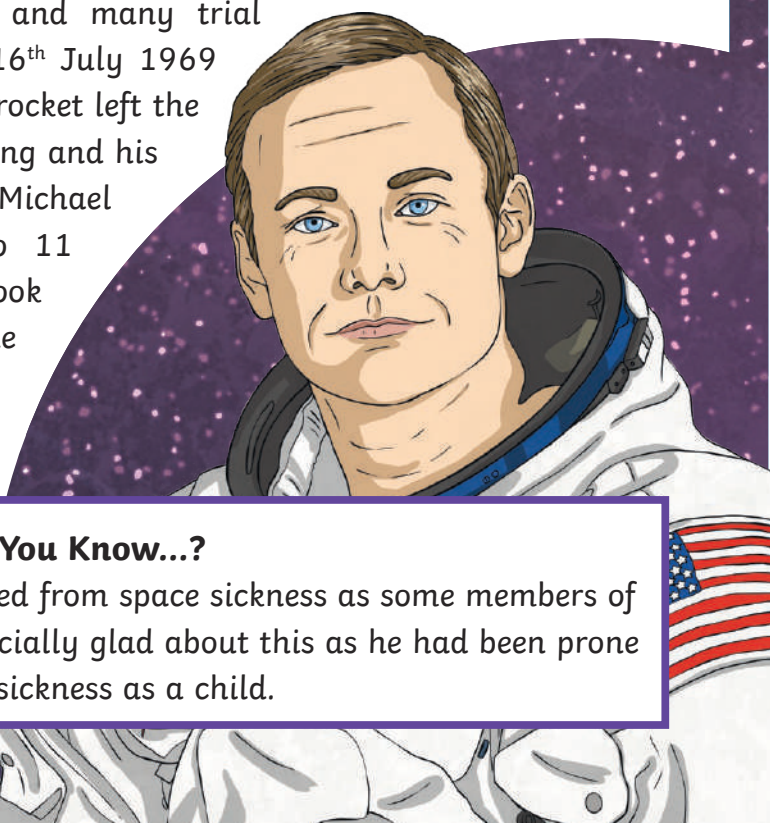
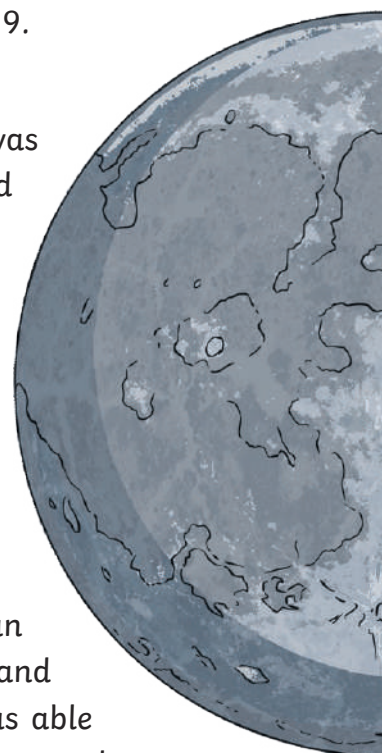
At the age of 17, Neil attended university to study **aeronautical engineering** and then went on to join the US Navy as an aviator. During his career, Neil flew more than 200 aircraft and was renowned for being calm and resilient, meaning he was able to fly in difficult situations. In September 1962, Neil was accepted to the **NASA** Astronaut Corps, which would eventually lead to the exciting task of landing on the Moon.

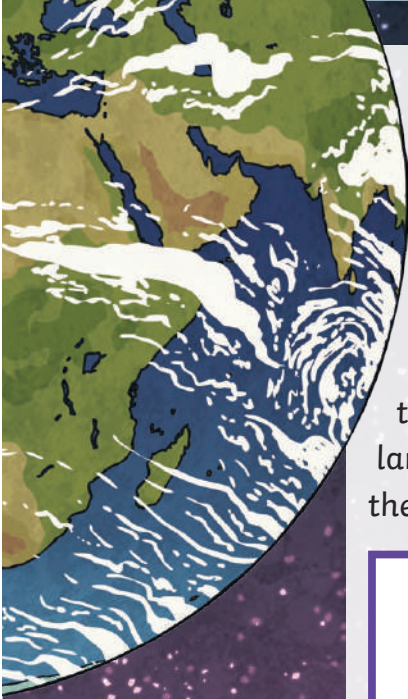
The Moon Landing

After carrying out much training and many trial missions, the day had arrived. On 16th July 1969 at 1:32 p.m., the powerful Saturn V rocket left the launch pad and carried Neil Armstrong and his crew mates, Edwin (Buzz) Aldrin and Michael Collins, into space for the Apollo 11 mission. The journey to the Moon took over three days to complete. During the journey, the astronauts were able to contact Earth.

Did You Know...?

None of the Apollo 11 crew suffered from space sickness as some members of previous crews had. Neil was especially glad about this as he had been prone to travel sickness as a child.





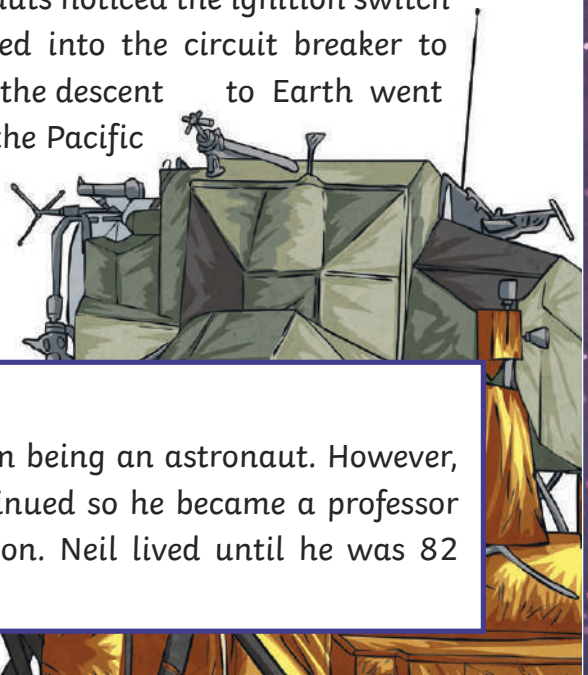
Once they reached the Moon's orbit, Michael remained in the rocket completing science experiments and taking photographs while Neil and Buzz entered the **lunar module** (nicknamed The Eagle) to descend to the Moon's surface. The descent did not go smoothly; when Neil noticed they were heading to an unsafe landing area, he took manual control of The Eagle and this took longer than expected. This meant that the module was running low on fuel by the time they landed on the surface of the Moon. At this point, Neil uttered the words, "**Tranquillity Base** here. The Eagle has landed."

Did You Know...?

The Moon landing was shown on television around the world and viewed by an estimated 600 million people.

Finally, following rest, checks and preparation, the astronauts opened the hatch on 20th July 1969 and Neil made his way down the ladder first. As Neil set his left foot on the surface of the Moon, he was heard saying the now famous words, "That's one small step for man, one giant leap for mankind." Buzz joined Neil after around 19 minutes and they completed various missions, including planting the flag of the United States. The pair spent two and a half hours on the Moon; this time was limited because NASA were unsure how long the spacesuits would cope with the high temperatures (up to 100 degrees Celsius) on the Moon.

When it was time to leave the Moon, the astronauts noticed the ignition switch was broken so they used part of a pen pushed into the circuit breaker to activate the launch sequence. The remainder of the descent to Earth went smoothly and the astronauts arrived home, in the Pacific Ocean, on 24th July 1969. Following 18 days in quarantine in case of infection, they were released to tour the country.



Later Life

Soon after returning home, Neil retired from being an astronaut. However, his enthusiasm for space and aircraft continued so he became a professor in order to share his knowledge and passion. Neil lived until he was 82 years old.

Glossary

aeronautical engineering: The primary field of engineering concerned with the development of aircraft and spacecraft.

lunar module: A small craft used for travelling between the Moon's surface and an orbiting spacecraft.

NASA: Abbreviation of National Aeronautics and Space Administration.

quarantine: Isolation in case of infection.

Tranquillity Base: The site on the Moon where humans landed and walked for the first time.



Questions

1. What were the names of the other astronauts on the Apollo 11 mission? Tick **two**.

- Stephen Koenig Armstrong
- Viola Louise
- Edwin (Buzz) Aldrin
- Michael Collins

2. Join the boxes to match each fact to the section of the text it appears in.

Neil flew more than 200 aircraft.
Neil became a professor in order to share his knowledge and passion.
Neil said, "That's one small step for man, one giant leap for mankind."

Early Life
The Moon Landing
Later Life

3. **Find** and **copy one** word or phrase from **The Moon Landing** section which tells you that things didn't all go to plan.

4. Fill in the missing words from this sentence:

Due to high _____ on the Moon, NASA limited the time spent there to _____.

5. Give **three** things that Neil did as a teenager.

6. Why do you think Neil wanted to join NASA?

7. In your own words, explain what is meant by **quarantine**.

8. How do you think it would have felt to watch someone walk on the Moon for the first time live on television? Explain your answer.

9. Why do you think the astronauts planted a flag of the United States on the Moon?

Answers

1. What were the names of the other astronauts on the Apollo 11 mission? Tick **two**.

- Stephen Koenig Armstrong
- Viola Louise
- Edwin (Buzz) Aldrin**
- Michael Collins**

2. Join the boxes to match each fact to the section of the text it appears in.

Neil flew more than 200 aircraft.		Early Life
Neil became a professor in order to share his knowledge and passion.		The Moon Landing
Neil said, "That's one small step for man, one giant leap for mankind."		Later Life

3. **Find** and **copy one** word or phrase from **The Moon Landing** section which tells you that things didn't all go to plan.

Accept any one of the following: didn't go smoothly; this took longer than expected; the ignition switch was broken. Also accept 'The remainder of the descent to Earth went smoothly' as this shows a change in fortune.

4. Fill in the missing words from this sentence:

Due to high **temperatures** on the Moon, NASA limited the time spent there to **two and a half hours**.

5. Give **three** things that Neil did as a teenager.

Accept any three of the following: Neil had a part-time job; he had flying lessons; he earned his student pilot certificate; he flew solo in a plane; he attended university to study aeronautical engineering.

6. Why do you think Neil wanted to join NASA?

Pupils' own responses, such as: I think that Neil wanted to join NASA because he had an interest in flying from a young age and was a calm and resilient aviator.

7. In your own words, explain what is meant by **quarantine**.

Pupils' own responses, such as: Quarantine is a period of segregation due to the risk of disease.

The Mystery of the Easter Bunny Costume

Members of the local Women's Institute have an annual Easter bunny egg hunt. Fred, the groundsman, always dresses up as the Easter bunny, and hops through the village hiding eggs for the children at Sunny Days Nursery, to find. It is always a wonderful occasion and the children look forward to it very much.



However, there is a problem this year. Fred has gone to the cupboard where the costume is stored, and to his horror, he has discovered it has been cut up into pieces!

Your task is to solve the five clues and use the character descriptions of all the people who have a connection with the Women's Institute to work out who wrecked the costume!

Good luck!

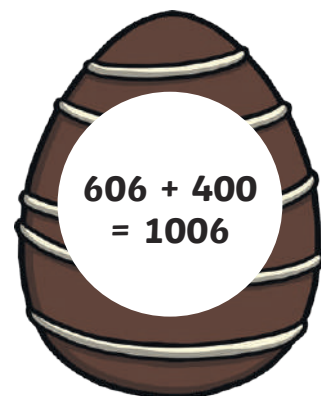
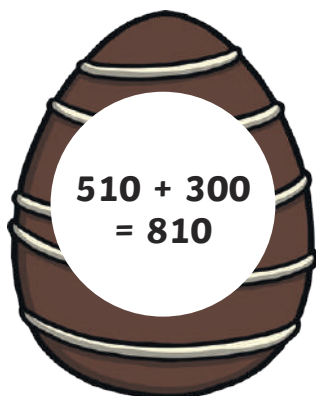
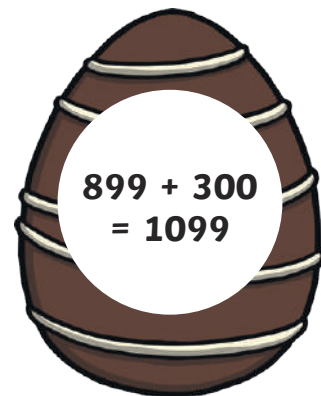


Character Descriptions

Name	M/F	Age	Hair colour	Favourite crisps	Owens a dog
Kim Hadley	F	61	black	spicy beef	yes
George Mears	M	57	grey	smoky bacon	yes
Brenda Thornhill	F	61	black	ready salted	yes
Connie Cornforth	F	56	grey	salt/vinegar	no
Matt Jones	M	28	black	Worcester sauce	yes
Kath Ecclestone	F	33	blonde	cheese/onion	yes
Graham Tone	M	49	black	ready salted	no
Lindsay Cramp	F	69	black	cheese and onion	yes
Summer Twell	F	22	brown	cheese/onion	no
Dawid Gierak	M	62	grey	pickled onion	yes
Paul Grimes	M	44	brown	spicy beef	no
Wen Li	F	60	grey	ready salted	yes
Hannah Belling	F	38	blonde	cheese/onion	no
Trish Plimsoll	F	61	grey	cheese/ onion	no
Enid Gardner	F	78	white	smoky bacon	yes
Usman Hussain	M	66	black	pickled onion	no
Doris Clubb	F	69	black	prawn cocktail	yes
Monika Kilmczak	F	37	blonde	ready salted	yes
Derrick Stanley	M	81	bald	spicy beef	no
Sue Guest	F	63	grey	ready salted	yes
Chris Bates	F	70	grey	prawn cocktail	yes
Fenella Hope	F	65	black	cheese/onion	yes
Steph Hawes	F	47	blonde	pickled onion	yes
Helena Wickers	F	39	black	smoky bacon	no
Sharon Day	F	43	brown	spicy beef	yes
Jessica Mathers	F	32	red	Worcester sauce	no
Zoe Hall	F	38	black	cheese/onion	yes
Tina Flame	F	46	black	salt/ vinegar	yes
John Nuttall	M	69	grey	salt/vinegar	no
Belinda Havers	F	72	black	cheese/onion	yes

Clue 1: Egg-citing Numbers

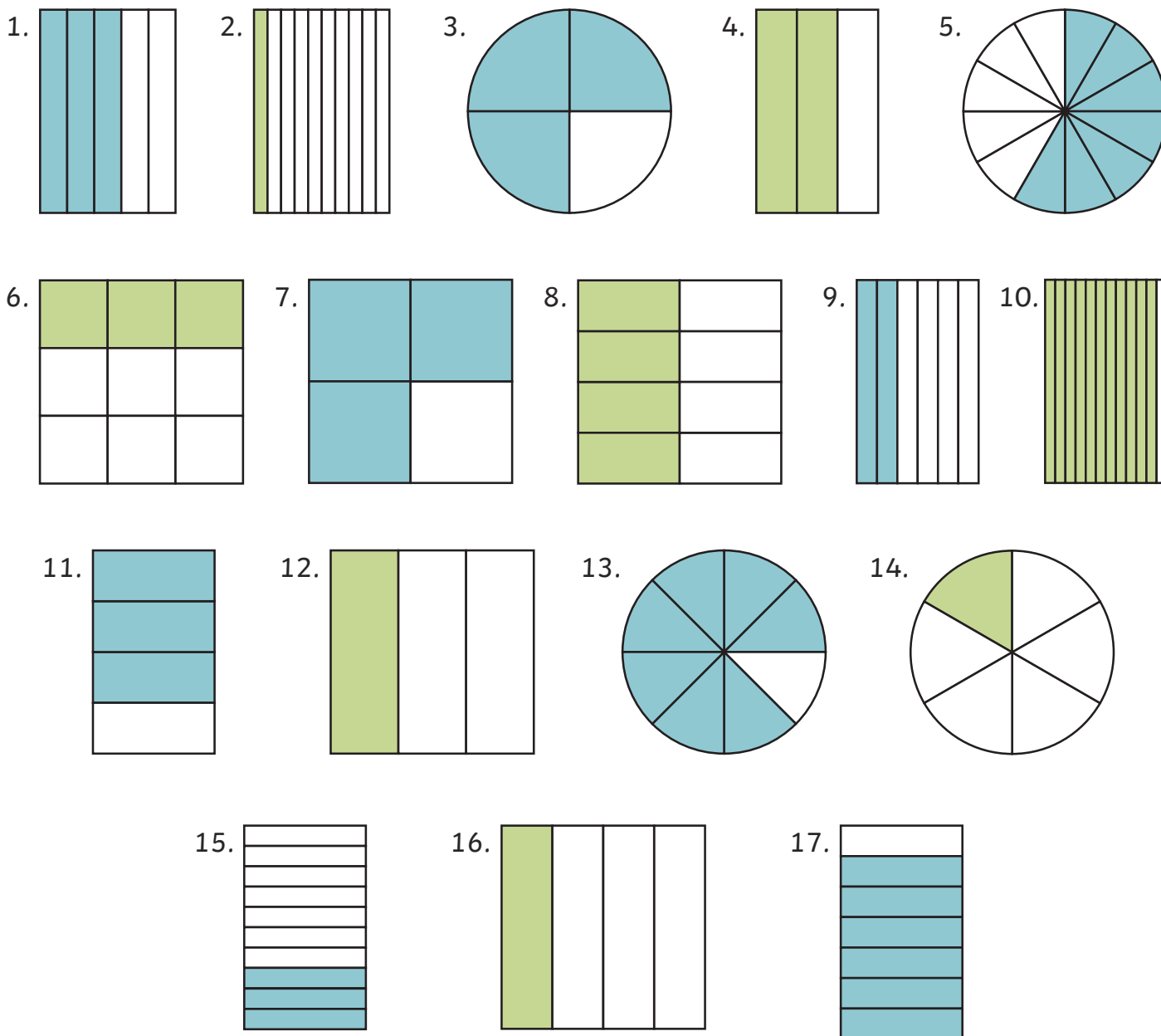
Work out which of these number statements are correct. If there are more correct than incorrect answers, the costume wrecker is female.



Clue 1: M / F

Clue 2: Hop to It!

Help the Easter Bunny work out the coloured fractions of these shapes. Use your answers and the table of letters to discover an important clue about the crime scene.



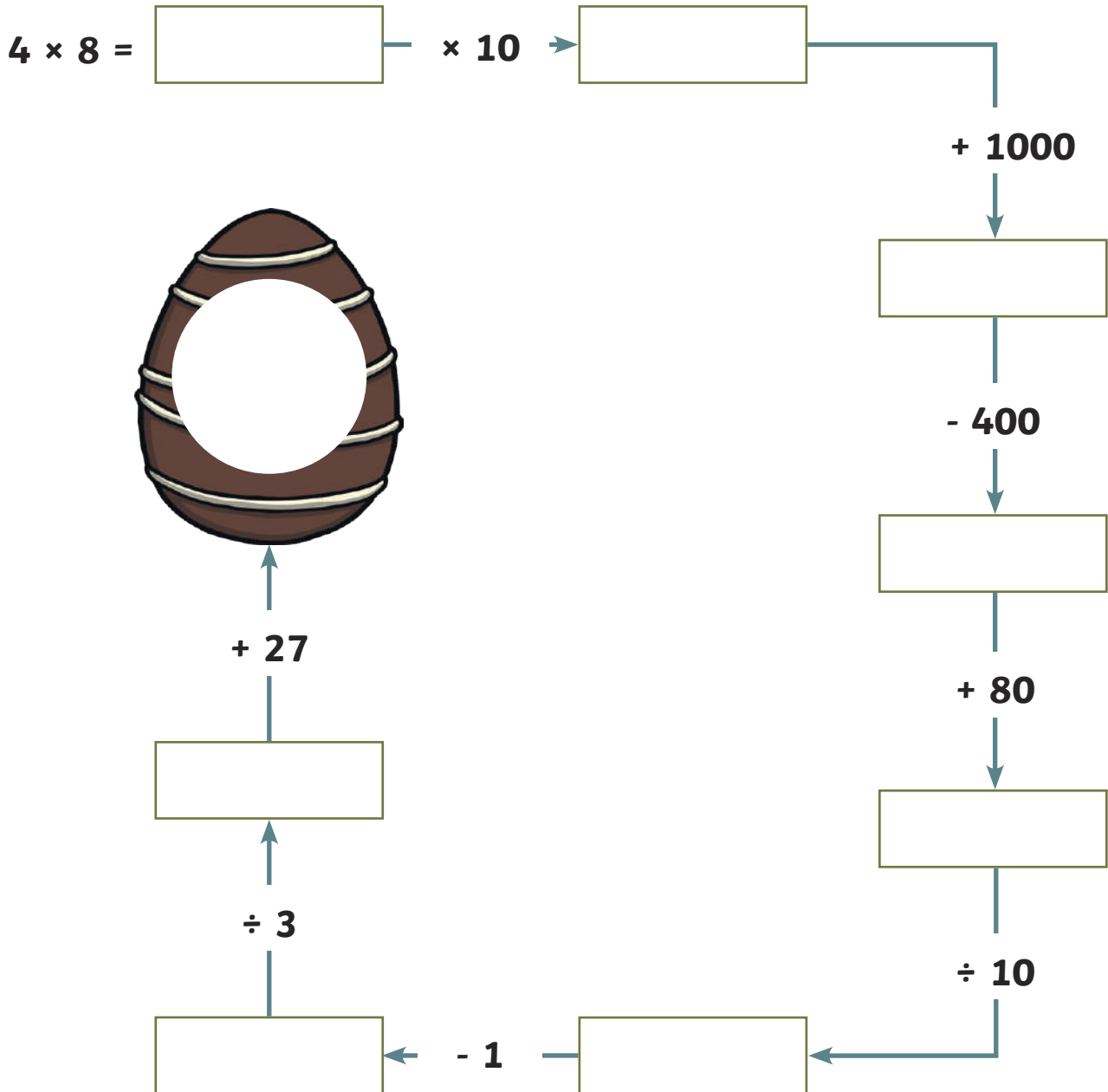
A	B	C	D	E	F	G	H	I	J	K	L	M
$\frac{3}{4}$	$\frac{3}{5}$	$\frac{2}{3}$	$\frac{6}{7}$	$\frac{9}{12}$	$\frac{7}{8}$	$\frac{2}{5}$	$\frac{3}{9}$	$\frac{4}{8}$	$\frac{2}{4}$	$\frac{7}{12}$	$\frac{1}{10}$	$\frac{8}{12}$

N	O	P	Q	R	S	T	U	V	W
$\frac{1}{4}$	$\frac{1}{6}$	$\frac{3}{8}$	$\frac{1}{5}$	$\frac{2}{6}$	$\frac{1}{3}$	$\frac{2}{14}$	$\frac{3}{10}$	$\frac{8}{9}$	$\frac{11}{12}$

Clue 2: _____

Clue 3: What's the Decade?

Follow the instructions and work out in which decade the age of the culprit falls.



Clue 3: The culprit is in their _____

Clue 4: What's the Time?

Read these times and find the digital equivalent in the box below. Rearrange the words below your answers to reveal another clue.

twenty to seven

quarter past six

ten to eight

twenty-five past eleven

quarter to three

five past twelve

twenty past one

ten past ten

18.15	12.30	11.25	19.50
a	not	lead	found

2.45	7.20	12.05	6.40
was	next	dog	on

15.15	13.20	5.12	10.10
to	the	costume	floor



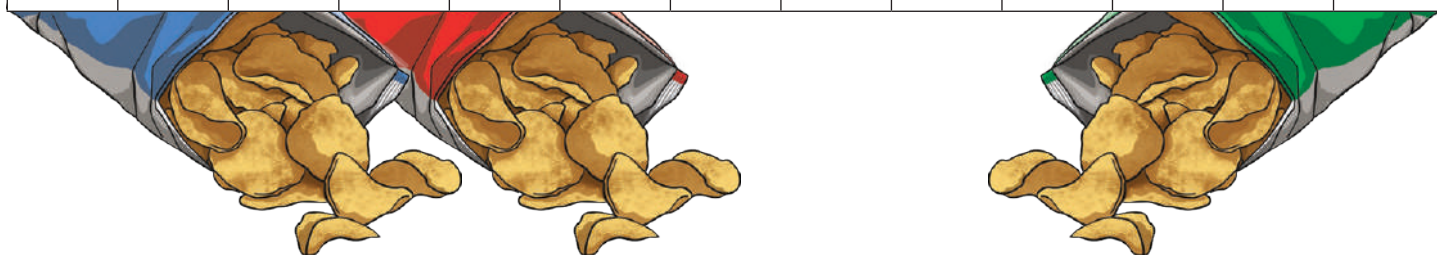
Clue 4: _____

Clue 5: What's the Flavour?

A crisp wrapper was found near the costume cupboard. Work out the answers to the calculations below, then rearrange the letters to identify the flavour of crisps and solve the last clue!

A	B	C	D	E	F	G	H	I	J	K	L	M
10	12	24	400	16	32	100	8	45	20	40	6	35

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
240	9	64	28	36	60	50	2	11	90	3	18	0



1. $3 \times \square = 30$

2. $160 \div 4 = \square$

3. $\square \div 4 = 9$

4. $5 \times 9 = \square$

5. $54 \div 6 = \square$

6. $\square \times 3 = 150$

7. $6 \times 4 = \square$

8. $100 \div 10 = \square$

9. $80 \times 3 = \square$

10. $8 \times 8 = \square$

11. $180 \div 2 = \square$

12. $36 \div 6 = \square$

13. $2 \times \square = 48$

Clue 5: _____

Have you solved the mystery?

The Easter bunny costume wrecker is: _____

The Mystery of the Easter Bunny Costume Answers

Clue 1

$400 + 387 = 787$ correct

$259 + 500 = 659$ incorrect

$676 - 300 = 376$ correct

$299 + 400 = 799$ incorrect

$567 - 200 = 367$ correct

$899 + 300 = 1099$ incorrect

$510 + 300 = 810$ correct

$333 - 300 = 33$ correct

$606 + 400 = 1006$ correct

The costume wrecker is female.

Clue 2

BLACK HAIR WAS FOUND

Clue 3

$4 \times 8 = 32 \times 10 = 320 + 1000 = 1320 - 400 = 920 + 80 = 1000 \div 10 = 100 - 1 = 99 \div 3 = 33 + 27 = 60$

The culprit is in their sixties.

Clue 4

A dog lead was found on the floor.

Clue 5

1. $3 \times 10 = 30$

8. $100 \div 10 = 10$

2. $160 \div 4 = 40$

9. $80 \times 3 = 240$

3. $36 \div 4 = 9$

10. $8 \times 8 = 64$

4. $5 \times 9 = 45$

11. $180 \div 2 = 90$

5. $54 \div 6 = 9$

12. $36 \div 6 = 6$

6. $50 \times 3 = 150$

13. $2 \times 24 = 48$

7. $6 \times 4 = 24$

PRAWN COCKTAIL

The Easter bunny costume wrecker is: **Doris Clubb**

How to make...

Easter Egg Nests

Ingredients

115g/8oz of plain chocolate broken into pieces

1tbsp of golden syrup

50g/2oz of butter

45g/3oz cornflakes

36 mini chocolate eggs

water

Equipment

12-hole fairy cake tin

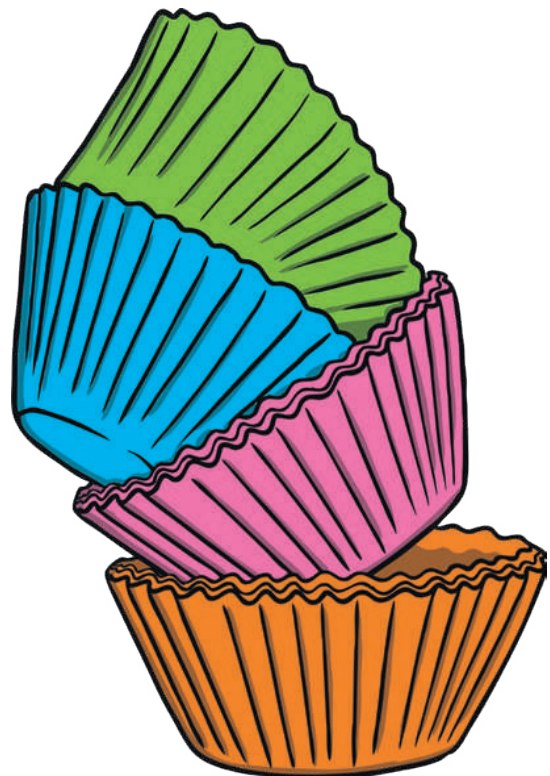
12 paper bun cases

bowl

hob

pan

fridge



What you do...

1. Line the fairy cake tin with the 12 paper bun cases.
2. Put some water into the pan and let it gently simmer.
3. Put the chocolate, golden syrup and butter in a bowl.
4. Put the bowl on top of the pan, but don't let it touch the water. Stir the mixture as it heats until it is smooth.
5. Remove the bowl from the heat and gently stir in the cornflakes. Keep stirring until the cornflakes are completely covered in chocolate.
6. Divide the mixture between the paper cases and press 3 chocolate eggs into the centre of each nest.
7. Chill the buns in the fridge for 1 hour or until they are completely set.



×4 Multiplication Tables and Division Facts

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

1 to 6 = yellow

13 to 29 = orange

43 to 48 = black

7 to 12 = blue

30 to 42 = green

$36 \div 4$	$44 \div 4$	2×4	$4 \div 4$	$16 \div 4$	1×4	$36 \div 4$	2×4	$48 \div 4$
$32 \div 4$	$40 \div 4$	$12 \div 4$	12×4	1×4	11×4	$20 \div 4$	$32 \div 4$	$40 \div 4$
$48 \div 4$	$28 \div 4$	$32 \div 4$	$24 \div 4$	6×4	$20 \div 4$	3×4	$48 \div 4$	$44 \div 4$
$24 \div 4$	$8 \div 4$	$20 \div 4$	$12 \div 4$	$4 \div 4$	$24 \div 4$	$4 \div 4$	$16 \div 4$	$24 \div 4$
3×4	$20 \div 4$	$16 \div 4$	$8 \div 4$	$16 \div 4$	$20 \div 4$	$8 \div 4$	1×4	2×4
$44 \div 4$	3×4	$28 \div 4$	$24 \div 4$	$24 \div 4$	$16 \div 4$	$48 \div 4$	$28 \div 4$	$32 \div 4$
$32 \div 4$	$28 \div 4$	$40 \div 4$	1×4	$12 \div 4$	$4 \div 4$	$28 \div 4$	$44 \div 4$	$32 \div 4$
2×4	2×4	$44 \div 4$	7×4	$36 \div 4$	6×4	2×4	$36 \div 4$	3×4
$28 \div 4$	$28 \div 4$	4×4	6×4	$48 \div 4$	7×4	5×4	2×4	$32 \div 4$
8×4	9×4	10×4	8×4	10×4	10×4	8×4	9×4	8×4

Challenge question: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

$44 \div 4 = 11$	$7 \times 4 = 28$	$8 \times 3 = 24$

×4 Multiplication Tables and Division Facts Answers

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

1 to 6 = yellow

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$36 \div 4$	$44 \div 4$	2×4	$4 \div 4$	$16 \div 4$	1×4	$36 \div 4$	2×4	$48 \div 4$
$32 \div 4$	$40 \div 4$	$12 \div 4$	12×4	1×4	11×4	$20 \div 4$	$32 \div 4$	$40 \div 4$
$48 \div 4$	$28 \div 4$	$32 \div 4$	$24 \div 4$	6×4	$20 \div 4$	3×4	$48 \div 4$	$44 \div 4$
$24 \div 4$	$8 \div 4$	$20 \div 4$	$12 \div 4$	$4 \div 4$	$24 \div 4$	$4 \div 4$	$16 \div 4$	$24 \div 4$
3×4	$20 \div 4$	$16 \div 4$	$8 \div 4$	$16 \div 4$	$20 \div 4$	$8 \div 4$	1×4	2×4
$44 \div 4$	3×4	$28 \div 4$	$24 \div 4$	$24 \div 4$	$16 \div 4$	$48 \div 4$	$28 \div 4$	$32 \div 4$
$32 \div 4$	$28 \div 4$	$40 \div 4$	1×4	$12 \div 4$	$4 \div 4$	$28 \div 4$	$44 \div 4$	$32 \div 4$
2×4	2×4	$44 \div 4$	7×4	$36 \div 4$	6×4	2×4	$36 \div 4$	3×4
$28 \div 4$	$28 \div 4$	4×4	6×4	$48 \div 4$	7×4	5×4	2×4	$32 \div 4$
8×4	9×4	10×4	8×4	10×4	10×4	8×4	9×4	8×4

Challenge question: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

$44 \div 4 = 11$	$7 \times 4 = 28$	$8 \times 3 = 24$
$11 \times 4 = 44$ and $4 \times 11 = 44$	$28 \div 4 = 7$ and $28 \div 7 = 4$	$24 \div 3 = 8$ and $24 \div 8 = 3$

8. How do you think it would have felt to watch someone walk on the Moon for the first time live on television? Explain your answer.

Pupils' own responses, such as: I think that I would have been fascinated and nervous because it was the first time it has ever happened so nobody knew how safe it was going to be.

9. Why do you think the astronauts planted a flag of the United States on the Moon?

Pupils' own responses, such as: I think that the astronauts planted this flag as a memento of their visit to the Moon which any future astronauts would be able to see.