

**Big Garden Birdwatch (Last Weekend in January)**

The Big Garden Birdwatch is an activity organised each year by the RSPB. This encourages people to watch and count the birds that land in their garden or local park for an hour. By sending in the total count, the RSPB has been able to gather and compare useful data about the bird population. Through this, they have noted that since 1979 there has been a decline in the number of song thrushes.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1. £4 = \_\_p

2. £20 - £5 = £\_\_

3. Lunch costs £4.25. David pays with a £10 note. What is his change in £?

4. 6,921p = £\_\_

5. £7.21 = \_\_p

**Did you know?**  
Red kites were almost extinct in the UK by the early 1900s. In 1989, a re-introduction programme was set up and their numbers have been steadily increasing ever since.

6. £1 = \_\_p

7. £5 + £0.50 + 25p = £ \_\_

8. £3 + £2 + 52p = \_\_p

9. 284p = £ \_\_

10. Kelly buys sweets costing £1.80. She pays with a £20 note. What is her change in £?

11. £81.20 = \_\_p

A	B	C	D	E	F	G	H	I	J	K	L	M
2.84	69.21	19.20	20.50	5.75	5.85	10	15	10.50	552	28.40	721	352
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5.52	6,921	6.85	252	284	8,120	400	100	6.75	25	4,000	18.20	10.10

**What type of birds are always sad?**

1 2 3 4 5 6 7 8 9 10 11

Big Garden Birdwatch (Last Weekend in January)

1.	$\pounds 4 = \text{ \_\_p}$	400	<b>T</b>
2.	$\pounds 20 - \pounds 5 = \text{ \_\_}$	15	<b>H</b>
3.	Lunch costs $\pounds 4.25$ . David pays with a $\pounds 10$ note. What is his change in $\pounds$ ?	5.75	<b>E</b>
4.	$6,921\text{p} = \text{ \_\_}$	69.21	<b>B</b>
5.	$\pounds 7.21 = \text{ \_\_p}$	721	<b>L</b>
6.	$\pounds 1 = \text{ \_\_p}$	100	<b>U</b>
7.	$\pounds 5 + \pounds 0.50 + 25\text{p} = \text{ \_\_}$	5.75	<b>E</b>
8.	$\pounds 3 + \pounds 2 + 52\text{p} = \text{ \_\_p}$	552	<b>J</b>
9.	$284\text{p} = \text{ \_\_}$	2.84	<b>A</b>
10.	Kelly buys sweets costing $\pounds 1.80$ . She pays with a $\pounds 20$ note. What is her change in $\pounds$ ?	18.20	<b>Y</b>
11.	$\pounds 81.20 = \text{ \_\_p}$	8,120	<b>S</b>

What type of birds are always sad?

The blue jays.

**Queen Victoria died (22 January)**

Queen Victoria was the monarch in Britain and Ireland from 1837 to 1901. This is the second-longest reign of any British monarch. She was only 18 when she became queen. In 1840, Victoria married Prince Albert of Saxe-Coburg and Gotha. Together, they had nine children. Unfortunately in 1861, Albert passed away. Victoria was devastated and wore black for the rest of her reign.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1.  $4 \times 2 = 8 \times ?$

2. If  $3 \times 7 = 21$  then  $7 \times 3 =$

3. Sam has 9 sweets. Jenny has 8 times as many sweets. How many sweets does Jenny have?

4.  $12 \times 3 =$

5. If  $8 \times 8 = 64$  then  $64 \div 8 =$

**Did you know?**  
Queen Victoria became Empress of India in 1877.

6.  $36 \div 4 =$

7.  $4 \div 4 =$

8.  $40 \div 8 =$

9. If  $4 \times 12 = 48$  then  $48 \div 4 =$

10.  $11 \times 4 =$

11. Stef has 7 pencils. Tom has 4 times as many. How many pencils does Tom have?

A	B	C	D	E	F	G	H	I	J	K	L	M
33	48	16	5	72	82	32	21	9	35	4	46	7
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
28	12	3	2	40	8	1	80	11	44	17	36	0

**What is the first thing a king or queen does when they come to the throne?**

\_\_\_\_\_

1   2   3   4            5   6   7            8   9   10   11

Queen Victoria died (22 January)

- |     |                                                                                      |    |          |
|-----|--------------------------------------------------------------------------------------|----|----------|
| 1.  | $4 \times 2 = 8 \times ?$                                                            | 1  | <b>T</b> |
| 2.  | If $3 \times 7 = 21$ then $7 \times 3 =$                                             | 21 | <b>H</b> |
| 3.  | Sam has 9 sweets. Jenny has 8 times as many sweets. How many sweets does Jenny have? | 72 | <b>E</b> |
| 4.  | $12 \times 3 =$                                                                      | 36 | <b>Y</b> |
| 5.  | If $8 \times 8 = 64$ then $64 \div 8 =$                                              | 8  | <b>S</b> |
| 6.  | $36 \div 4 =$                                                                        | 9  | <b>I</b> |
| 7.  | $4 \div 4 =$                                                                         | 1  | <b>T</b> |
| 8.  | $40 \div 8 =$                                                                        | 5  | <b>D</b> |
| 9.  | If $4 \times 12 = 48$ then $48 \div 4 =$                                             | 12 | <b>O</b> |
| 10. | $11 \times 4 =$                                                                      | 44 | <b>W</b> |
| 11. | Stef has 7 pencils. Tom has 4 times as many. How many pencils does Tom have?         | 28 | <b>N</b> |

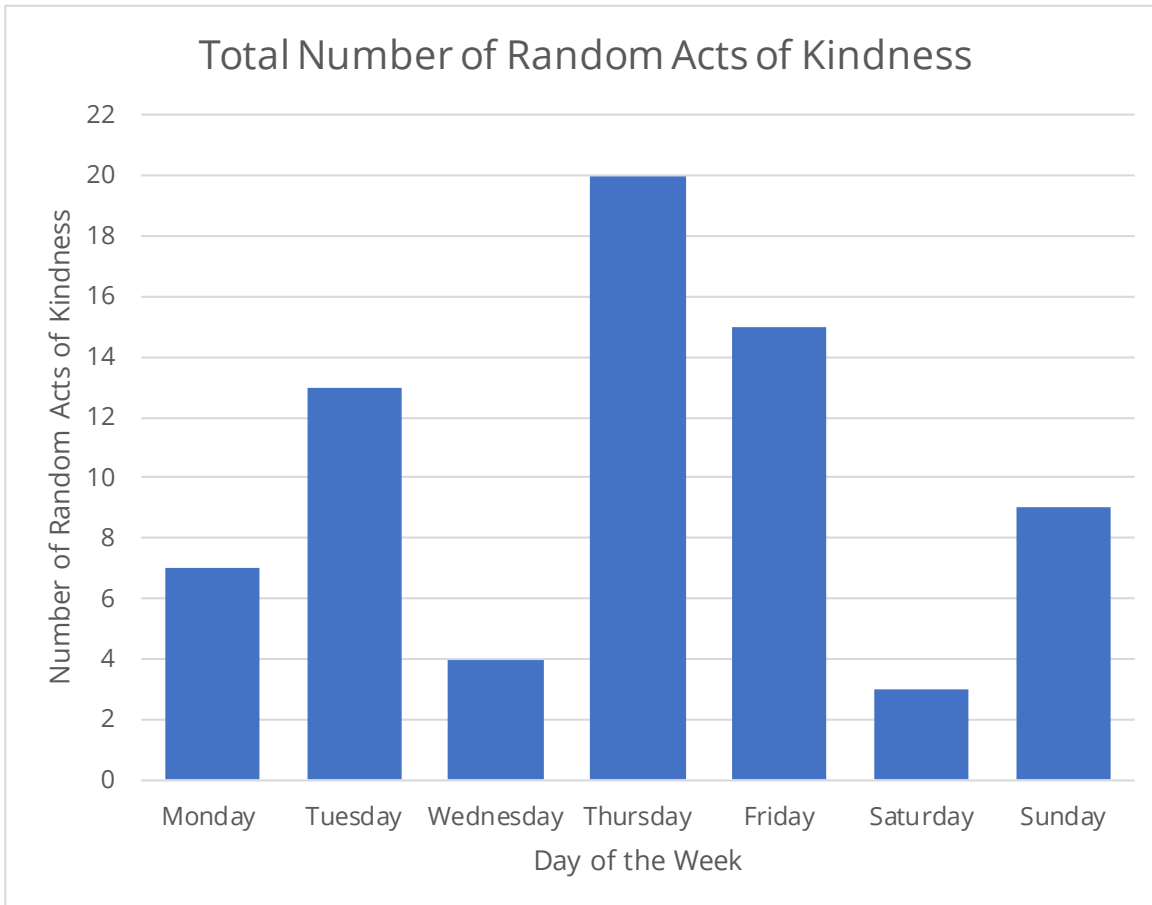
What is the first thing a king or queen does when they come to the throne?

They sit down.

**Random Acts of Kindness week (Third Full Week February)**

This day was organised by the Random Acts of Kindness Foundation to encourage more kindness between people. An act of kindness could be a large or small act, as long as the intent is to be kind. The Random Acts of Kindness Foundation has lots of suggestions for acts of kindness ranging from planting a tree to creating bookmarks to give to readers or simply smiling at 5 people on your way to school.

**Use the table and graph to answer the questions on the following page.**



Number of Times People Smiled in one morning	
Name	Total times smiled
Adam	10
Theo	7
Sarah	9
Lily	16
Tim	15
Alice	8

**Random Acts of Kindness week (Third Full Week February)**

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**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1. How many acts of kindness happened on Friday?

2. What is the difference between how many times Tim and Alice smiled?

3. How many fewer acts of kindness happened on Monday compared to Thursday?

4. How many acts of kindness happened over the weekend?

5. How many times did Tim, Lily and Sarah smile altogether?

**Did you know?**  
The Random Acts of Kindness Foundation calls each member a 'RAKtivist'. This means 'Random Acts of Kindness activist'.

6. What is the difference between the number of acts of kindness on Tuesday and Thursday?

7. How many acts of kindness happened on Tuesday?

8. How many times did Alice and Theo smile altogether?

9. What is the difference between the most and least number of smiles?

10. What is the difference between the most and least acts of kindness in one day?

11. How many acts of kindness happened on Monday?

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
13	20	3	10	7	12	6	25	1	21	23	15	40
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
17	9	18	45	8	4	27	31	52	14	26	24	16

**What did the little tree say to the big tree?**

1 2 3 4 5 6 7 8 9 10 11

Random Acts of Kindness week (Third Full Week February)

1.	How many acts of kindness happened on Friday?	15	L
2.	What is the difference between how many times Tim and Alice smiled?	7	E
3.	How many fewer acts of kindness happened on Monday compared to Thursday?	13	A
4.	How many acts of kindness happened over the weekend?	12	F
5.	How many times did Tim, Lily and Sarah smile altogether?	40	M
6.	What is the difference between the number of acts of kindness on Tuesday and Thursday?	7	E
7.	How many acts of kindness happened on Tuesday?	13	A
8.	How many times did Alice and Theo smile altogether?	15	L
9.	What is the difference between the most and least number of smiles?	9	O
10.	What is the difference between the most and least acts of kindness in one day?	17	N
11.	How many acts of kindness happened on Monday?	7	E

What did the little tree say to the big tree?

Leaf me alone.

**Steve Jobs' birthday (24 January)**

Steve Jobs was born in 1955 and was raised by adoptive parents in Cupertino, California. He was the co-founder of Apple Computers in 1976 along with Steve Wozniak. The pair started their company in Jobs' family garage. Jobs was one of the first entrepreneurs to realise how appealing a personal computer would be for people. In 1985, Jobs left Apple to make a new firm, NeXT Inc. he later returned to Apple.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1.  $51 \times ? = 510$

2.  $49 \times 0 =$

3.  $214 \times 6 =$

4. The factors of 14 are 1, 2, ? and 14

5.  $? \times 1 = 80$

**Did you know?**  
Steve Jobs had 4 children. Around the time his daughter Lisa was born, he named the new Apple computer the Apple Lisa.

6.  $40 \div 4 =$

7. If  $9 \times 7 = 63$ ,  $63 \div 7 =$

8.  $1 \times 3 \times 9 =$

9.  $72 \times 5 =$

10.  $38 \times 8 =$

11. The factors of 5 are 1 and ?

12.  $2 \times 8 \times 5 =$

13.  $7 \times 11 =$

14.  $709 \times 6 =$

15.  $305 \times 4 =$

16.  $5 \times 1 =$

A	B	C	D	E	F	G	H	I	J	K	L	M
4,254	49	1	1,220	80	28	70	7	10	1,260	4	4,314	27
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	360	77	6	9	5	1,284	304	364	350	40	51	1,264

**Where do all the cool mice live?**

- 1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16



Steve Jobs' birthday (24 January)

1.	$51 \times ? = 510$	10	I
2.	$49 \times 0 =$	0	N
3.	$214 \times 6 =$	1,284	T
4.	The factors of 14 are 1, 2, ? and 14	7	H
5.	$? \times 1 = 80$	80	E
6.	$40 \div 4 =$	10	I
7.	If $9 \times 7 = 63$ , $63 \div 7 =$	9	R
8.	$1 \times 3 \times 9 =$	27	M
9.	$72 \times 5 =$	360	O
10.	$38 \times 8 =$	304	U
11.	The factors of 5 are 1 and ?	5	S
12.	$2 \times 8 \times 5 =$	80	E
13.	$7 \times 11 =$	77	P
14.	$709 \times 6 =$	4,254	A
15.	$305 \times 4 =$	1,220	D
16.	$5 \times 1 =$	5	S

Where do all the cool mice live?

In their mousepads.

National Backwards day (31 January)

This fun celebration was the idea of Sarah Nicole and Megan Emily Scott in 1961. The history of having unusual (or backwards) days is very old. The ancient Romans celebrated Saturnalia. This day was very unusual as gambling was permitted and, in some cases, masters would serve their slaves. This was a day of merriment and liberty for all.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1. 3 shapes have areas of 17 squares, 15 squares and 8 squares. Which area is the smallest?

2. Sally counts 5 rows of 8 squares in a rectangle. What is the area of the rectangle?

3. Shape A has an area of \_\_\_ squares.

4. A square is 5 x 5 squares. What is the area?

5. Shape B has an area of \_\_\_ squares.

**Did you know?**  
Kangaroos can jump forwards and side to side but not backwards.

6. Shapes A and B together have an area of \_\_\_ squares.

7. Two rectangles have areas of 8 squares and 10 squares. Which is the smallest area?

8. Shape C has an area of \_\_\_ squares.

9. Shapes A, B, C, D together have an area of \_\_\_ squares.

10. A square is 3 by 3 squares. What is the area?

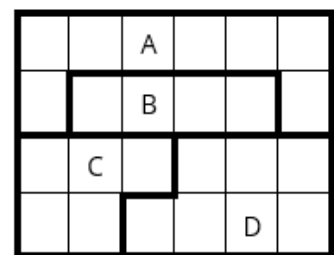
11. Shape D has an area of \_\_\_ squares.

12. Tony has two rectangles. One has an area of 2 squares, the other has an area of 5 squares. Which is smaller?

13. A rectangle is 1 square wide and 5 squares long. What is the area?

14. Shapes B and C together have an area of \_\_\_ squares.

15. Ben counts 3 rows of 12 squares. What is the area?



A	B	C	D	E	F	G	H	I	J	K	L	M
8	40	25	24	36	13	11	7	16	32	4	23	37
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
19	2	10	6	5	9	15	1	35	12	20	63	17

**What has four legs and says 'hgien'?**

- 1    2    3    4    5    6    7    8    9    10    11    12    13    14    15

National Backwards day (31 January)

- |     |                                                                                                              |    |   |
|-----|--------------------------------------------------------------------------------------------------------------|----|---|
| 1.  | 3 shapes have areas of 17 squares, 15 squares and 8 squares. Which area is the smallest?                     | 8  | A |
| 2.  | Sally counts 5 rows of 8 squares in a rectangle. What is the area of the rectangle?                          | 40 | B |
| 3.  | Shape A has an area of ___ squares.                                                                          | 8  | A |
| 4.  | A square is 5 x 5 squares. What is the area?                                                                 | 25 | C |
| 5.  | Shape B has an area of ___ squares.                                                                          | 4  | K |
| 6.  | Shapes A and B together have an area of ___ squares.                                                         | 12 | W |
| 7.  | Two rectangles have areas of 8 squares and 10 squares. Which is the smallest area?                           | 8  | A |
| 8.  | Shape C has an area of ___ squares.                                                                          | 5  | R |
| 9.  | Shapes A, B, C, D together have an area of ___ squares.                                                      | 24 | D |
| 10. | A square is 3 by 3 squares. What is the area?                                                                | 9  | S |
| 11. | Shape D has an area of ___ squares.                                                                          | 7  | H |
| 12. | Tony has two rectangles. One has an area of 2 squares, the other has an area of 5 squares. Which is smaller? | 2  | O |
| 13. | A rectangle is 1 square wide and 5 squares long. What is the area?                                           | 5  | R |
| 14. | Shapes B and C together have an area of ___ squares.                                                         | 9  | S |
| 15. | Ben counts 3 rows of 12 squares. What is the area?                                                           | 36 | E |

What has four legs and says 'hgien'?

A backwards horse.

World Book Day (First Thursday in March)

World Book Day aims to provide every child and young person in the country with a book. Every year, authors, illustrators and book fans come together to make reading fun. Many authors share their experience of writing and top tips for aspiring authors. Many schools encourage children to dress up, share a story or participate in exciting book related activities.

Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1.  $\frac{5}{10} = \frac{?}{2}$

2.  $\frac{1}{100}, \frac{2}{100}, \frac{3}{100}, \underline{\hspace{1cm}}$

3.  $\frac{4}{25} + \frac{10}{25} + \frac{6}{25} =$

4.  $\frac{2}{5} = \frac{10}{25} = \frac{20}{50} = \frac{?}{100}$

5.  $\frac{4}{15} = \frac{8}{?}$

**Did you know?**  
The Bible is the world's best-selling and most widely distributed book.

6.  $\frac{2}{7} + \frac{4}{7} =$

7.  $10 - \frac{1}{4} =$

8.  $\frac{1}{30} + \frac{7}{30} =$

9.  $\frac{6}{12} = \frac{3}{6} = \frac{1}{?}$

10.  $\frac{18}{30} - \frac{10}{30} =$

11.  $\frac{50}{100}, \frac{45}{100}, \frac{40}{100}, \underline{\hspace{1cm}}$

12.  $3 - \frac{1}{2} =$

13.  $\frac{12}{50} - \frac{7}{50} =$

14.  $\frac{31}{100}, \frac{34}{100}, \frac{37}{100}, \underline{\hspace{1cm}}$

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
$\frac{20}{25}$	$3 \frac{1}{2}$	$\frac{4}{100}$	$\frac{35}{100}$	2	$10 \frac{3}{4}$	$\frac{8}{60}$	$\frac{5}{100}$	$\frac{1}{2}$	$\frac{4}{10}$	$10 \frac{1}{4}$	$9 \frac{1}{4}$	$\frac{20}{75}$
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
$\frac{40}{100}$	$2 \frac{1}{2}$	$\frac{6}{7}$	$\frac{45}{100}$	$\frac{8}{0}$	$\frac{16}{25}$	$\frac{8}{30}$	$9 \frac{3}{4}$	$\frac{2}{7}$	$\frac{5}{50}$	$\frac{19}{50}$	$\frac{5}{0}$	$\frac{30}{100}$

I've been reading a book about gravity.

- \_\_\_\_\_ , \_\_\_\_\_
- 1      2    3    4      5      6    7    8      9    10      11    12    13    14

World Book Day (First Thursday in March)

- |     |                                                               |                  |   |
|-----|---------------------------------------------------------------|------------------|---|
| 1.  | $\frac{5}{10} = \frac{?}{2}$                                  | $\frac{1}{2}$    | I |
| 2.  | $\frac{1}{100}, \frac{2}{100}, \frac{3}{100}, \text{---}$     | $\frac{4}{100}$  | C |
| 3.  | $\frac{4}{25} + \frac{10}{25} + \frac{6}{25} =$               | $\frac{20}{25}$  | A |
| 4.  | $\frac{2}{5} = \frac{10}{25} = \frac{20}{50} = \frac{?}{100}$ | $\frac{40}{100}$ | N |
| 5.  | $\frac{4}{15} = \frac{8}{?}$                                  | $\frac{8}{30}$   | T |
| 6.  | $\frac{2}{7} + \frac{4}{7} =$                                 | $\frac{6}{7}$    | P |
| 7.  | $10 - \frac{1}{4} =$                                          | $9\frac{3}{4}$   | U |
| 8.  | $\frac{1}{30} + \frac{7}{30} =$                               | $\frac{8}{30}$   | T |
| 9.  | $\frac{6}{12} = \frac{3}{6} = \frac{1}{?}$                    | $\frac{1}{2}$    | I |
| 10. | $\frac{18}{30} - \frac{10}{30} =$                             | $\frac{8}{30}$   | T |
| 11. | $\frac{50}{100}, \frac{45}{100}, \frac{40}{100}, \text{---}$  | $\frac{35}{100}$ | D |
| 12. | $3 - \frac{1}{2} =$                                           | $2\frac{1}{2}$   | O |
| 13. | $\frac{12}{50} - \frac{7}{50} =$                              | $\frac{5}{50}$   | W |
| 14. | $\frac{31}{100}, \frac{34}{100}, \frac{37}{100}, \text{---}$  | $\frac{40}{100}$ | N |

I've been reading a book about gravity.

I can't put it down.

**Anne Brontë's Birthday (17 January)**

Anne Brontë was an English novelist and poet. She was born on 17 January 1820 and was the youngest member of the Brontë family. Her famous novels include Agnes Grey and The Tenant of Wildfell Hall. Anne and her elder two sisters were all writers. Their writing was considered shocking in Victorian times as their central characters tended to be strong women.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1.  $54 \times 76 =$

2.  $3,648 \times 22 =$

3. Cans of drinks are packed in trays of 6. There are 5,623 cans. How many trays are needed?

4. Cans of drinks are packed in trays of 6. There are 5,623 cans. Once packed, how many trays will be full?

5.  $3,752 \div 7 =$

**Did you know?**  
The Brontë sisters all published their work under masculine pen names with the last name of 'Bell'.

6.  $836 \times 17 =$

7.  $2,484 \times 4 =$

8.  $5,560 \div 8 =$

9.  $56 \times 39 =$

10.  $1,824 \times 44 =$

11.  $78 \times 28 =$

12.  $1,242 \times 8 =$

13.  $418 \times 34 =$

14.  $621 \times 16 =$

A	B	C	D	E	F	G	H	I	J	K	L	M
695	4,104	475	288	14,212	74,272	53,244	2,848	5,793	3,596	524	75,356	3,567
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
937	938	5,830	443	80,256	9,936	536	2,184	829	539	156	43,543	6,894

**What kind of dinosaurs write romance novels?**

\_\_\_\_\_

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Anne Brontë's Birthday (17 January)

1.	$54 \times 76 =$	4,104	<b>B</b>
2.	$3,648 \times 22 =$	80,256	<b>R</b>
3.	Cans of drinks are packed in trays of 6. There are 5,623 cans. How many trays are needed?	938	<b>O</b>
4.	Cans of drinks are packed in trays of 6. There are 5,623 cans. Once packed, how many trays will be full?	937	<b>N</b>
5.	$3,752 \div 7 =$	536	<b>T</b>
6.	$836 \times 17 =$	14,212	<b>E</b>
7.	$2,484 \times 4 =$	9,936	<b>S</b>
8.	$5,560 \div 8 =$	695	<b>A</b>
9.	$56 \times 39 =$	2,184	<b>U</b>
10.	$1,824 \times 44 =$	80,256	<b>R</b>
11.	$78 \times 28 =$	2,184	<b>U</b>
12.	$1,242 \times 8 =$	9,936	<b>S</b>
13.	$418 \times 34 =$	14,212	<b>E</b>
14.	$621 \times 16 =$	9,936	<b>S</b>

What kind of dinosaurs write romance novels?

Brontë-sauruses.

World Wildlife Day (3 March)

Earth is home to countless species of living creatures and plants, each of which is important for our planet. On 20 December 2013, the United Nations General Assembly declared 3 March World Wildlife Day so that people will take time to consider the importance of the wildlife around them. Scientists are always searching for life on other planets but as of yet have not found complex life outside of Earth.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1.  $\frac{2}{5} + \frac{1}{3} + \frac{2}{15} =$

2. Which is the largest of these fractions:  $\frac{2}{5}$   $\frac{3}{10}$   $\frac{3}{4}$   $\frac{1}{2}$   $\frac{13}{20}$

3. Write  $\frac{4}{16}$  in quarters.

4.  $\frac{1}{5} \times 4 =$

5.  $\frac{2}{7} + \frac{1}{3} =$

**Did you know?**  
The Earth is in 'The Goldilocks Zone' in our solar system. This refers to the area around a star where the temperature is just right for liquid water and possible life.

6. What is double one third?

7. Write  $\frac{3}{2}$  as a mixed number.

8.  $\frac{3}{7} \times 2 =$

9. Which is smaller:  $\frac{1}{4}$  or  $\frac{2}{5}$ ?

10.  $1\frac{3}{4} \times 2 =$

11.  $12 = \frac{?}{7}$  of 36

12.  $\frac{11}{12} - \frac{1}{4} =$

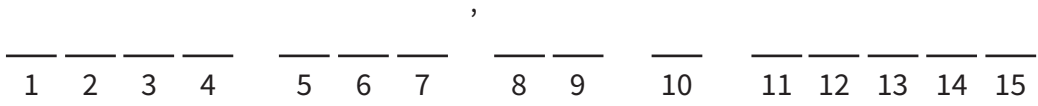
13.  $2\frac{1}{3} - \frac{5}{6} =$

14. Write  $1\frac{1}{3}$  as an improper fraction.

15.  $5 = \frac{?}{7}$  of 20

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
$3\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{4}$	$2\frac{1}{3}$	$\frac{5}{6}$	$\frac{3}{4}$	$1\frac{1}{3}$	$\frac{1}{7}$	$2\frac{1}{2}$	$\frac{3}{10}$	$\frac{1}{3}$
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
$\frac{4}{5}$	$\frac{2}{3}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{4}{3}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$\frac{2}{7}$	$\frac{13}{15}$	$1\frac{2}{3}$	$\frac{13}{21}$	$\frac{5}{23}$

When is it bad luck to see a black cat?





World Wildlife Day (3 March)

- |     |                                                                                                                   |                 |          |
|-----|-------------------------------------------------------------------------------------------------------------------|-----------------|----------|
| 1.  | $\frac{2}{5} + \frac{1}{3} + \frac{2}{15} =$                                                                      | $\frac{13}{15}$ | <b>W</b> |
| 2.  | Which is the largest of these fractions: $\frac{2}{5}$ $\frac{3}{10}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{13}{20}$ | $\frac{3}{4}$   | <b>H</b> |
| 3.  | Write $\frac{4}{16}$ in quarters.                                                                                 | $\frac{1}{4}$   | <b>E</b> |
| 4.  | $\frac{1}{5} \times 4 =$                                                                                          | $\frac{4}{5}$   | <b>N</b> |
| 5.  | $\frac{2}{7} + \frac{1}{3} =$                                                                                     | $\frac{13}{21}$ | <b>Y</b> |
| 6.  | What is double one third?                                                                                         | $\frac{2}{3}$   | <b>O</b> |
| 7.  | Write $\frac{3}{2}$ as a mixed number.                                                                            | $1 \frac{1}{2}$ | <b>U</b> |
| 8.  | $\frac{3}{7} \times 2 =$                                                                                          | $\frac{6}{7}$   | <b>R</b> |
| 9.  | Which is smaller: $\frac{1}{4}$ or $\frac{2}{5}$ ?                                                                | $\frac{1}{4}$   | <b>E</b> |
| 10. | $1 \frac{3}{4} \times 2 =$                                                                                        | $3 \frac{1}{2}$ | <b>A</b> |
| 11. | $12 = \frac{?}{7}$ of 36                                                                                          | $\frac{1}{3}$   | <b>M</b> |
| 12. | $\frac{11}{12} - \frac{1}{4} =$                                                                                   | $\frac{2}{3}$   | <b>O</b> |
| 13. | $2 \frac{1}{3} - \frac{5}{6} =$                                                                                   | $1 \frac{1}{2}$ | <b>U</b> |
| 14. | Write $1 \frac{1}{3}$ as an improper fraction.                                                                    | $\frac{4}{3}$   | <b>S</b> |
| 15. | $5 = \frac{?}{7}$ of 20                                                                                           | $\frac{1}{4}$   | <b>E</b> |

When is it bad luck to see a black cat?

When you're a mouse.

**Easter Theme**

Easter is a key festival in the Christian church. The festival celebrates the resurrection of Jesus on the third day after his crucifixion. Easter is held on the first Sunday after the full moon in March, which is why the date Easter falls on changes each year. The festival often includes eggs as a symbol. This is a symbol of new life and represents the resurrection of Jesus.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1. What is  $\frac{10}{100}$  as a decimal?

2. What is six tenths add four hundredths?

3.  $\frac{3}{10} + \frac{6}{100} + \frac{5}{1,000} =$

4. Round 0.14 to the nearest tenth.

5. Which is the biggest: 2.11 2.211 2.01 2.1 or 2.21?

**Did you know?**  
The date of the Easter festival can fall between 22 March and 25 April.

6. What is 87% as a decimal?

7. What is  $\frac{32}{50}$  as a decimal?

8. What is  $\frac{29}{50}$  as a decimal?

9. Round 2.45 to the nearest tenth.

10. What is 50% as a decimal?

11.  $0.5 + 0.08 =$

12. What is 1% as a decimal?

13.  $\frac{9}{10} + \frac{1}{1,000} =$

14. What is  $\frac{230}{100}$  as a decimal?

A	B	C	D	E	F	G	H	I	J	K	L	M
0.5	0.05	0.58	0.32	2.21	0.091	2.211	0.87	0.1	0.23	0.01	0.023	0.365
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0.91	2.4	2.3	2.11	2.5	0.13	0.64	0.901	0.29	0.001	0.14	1.3	0.014

**Why shouldn't you tell an Easter egg a joke?**

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Easter Theme

- |     |                                                    |       |   |
|-----|----------------------------------------------------|-------|---|
| 1.  | What is $\frac{10}{100}$ as a decimal?             | 0.1   | I |
| 2.  | What is six tenths add four hundredths?            | 0.64  | T |
| 3.  | $\frac{3}{10} + \frac{6}{100} + \frac{5}{1,000} =$ | 0.365 | M |
| 4.  | Round 0.14 to the nearest tenth.                   | 0.1   | I |
| 5.  | Which is the biggest: 2.11 2.211 2.01 2.1 or 2.21? | 2.211 | G |
| 6.  | What is 87% as a decimal?                          | 0.87  | H |
| 7.  | What is $\frac{32}{50}$ as a decimal?              | 0.64  | T |
| 8.  | What is $\frac{29}{50}$ as a decimal?              | 0.58  | C |
| 9.  | Round 2.45 to the nearest tenth.                   | 2.5   | R |
| 10. | What is 50% as a decimal?                          | 0.5   | A |
| 11. | $0.5 + 0.08 =$                                     | 0.58  | C |
| 12. | What is 1% as a decimal?                           | 0.01  | K |
| 13. | $\frac{9}{10} + \frac{1}{1,000} =$                 | 0.901 | U |
| 14. | What is $\frac{230}{100}$ as a decimal?            | 2.3   | P |

Why shouldn't you tell an Easter egg a joke?

It might crack up.

Rugby Six Nations (starts first Saturday in February)

The Six Nations rugby championship is a sporting competition for both men and women. It is a tournament played every year between the six top rugby union-playing countries in Europe. The six countries are England, Scotland, Wales, Ireland, France and Italy. Teams play five matches, if they win all of the five matches, it is called a Grand Slam. Grand Slams are very rare!

Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1. Write  $\frac{23}{25}$  as a percentage.

2. Which is larger, 0.42 or 37%?

3.  $29\% + 57\% + ?\% = 100\%$

4. Write  $\frac{13}{100}$  as a percentage.

5. Which is the odd one out?  
25%, 0.25,  $\frac{5}{20}$ , 0.2

**Did you know?**  
The first rugby balls were plumb-shaped and made from pigs' bladders.

6. Which is larger,  $\frac{3}{8}$  or 50%?

7. 26% of 40 = ?% of 80

8. Which is the odd one out?  
92%,  $\frac{95}{100}$ ,  $\frac{19}{20}$ , 0.95

9. 16% of 350 =

10. 48 is what % of 96?

11. 41% of 200 =

12. 25% of 80 = ?% of 40

13. 35% of 900 =

14. Write  $\frac{3}{5}$  as a percentage.

15. 90% of 49 =

16. 75% of 420 =

17. 25% of ? = 20

18. 14% of 500 =

18. Which is larger, 0.8 or 71%

A	B	C	D	E	F	G	H	I	J	K	L	M
50%	$\frac{95}{100}$	13%	0.25	0.42	37%	52.5	92%	70	120	80	19.6	44.1
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0.8	0.2	315	44	14%	82	4.2	60%	$\frac{5}{20}$	56	$\frac{19}{20}$	71%	0

Why was Cinderella such a bad rugby player?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Rugby Six Nations (starts first Saturday in February)

1.	Write $\frac{23}{25}$ as a percentage.	92%	H
2.	Which is larger, 0.42 or 37%?	0.42	E
3.	$29\% + 57\% + ?\% = 100\%$	14%	R
4.	Write $\frac{13}{100}$ as a percentage.	13%	C
5.	Odd one out 25%, 0.25, $\frac{5}{20}$ , 0.2	0.2	O
6.	Which is larger, $\frac{3}{8}$ or 50%?	50%	A
7.	$26\%$ of 40 = ?% of 80	13%	C
8.	Odd one out 92%, $\frac{95}{100}$ , $\frac{19}{20}$ , 0.95	92%	H
9.	16% of 350 =	56	W
10.	48 is what % of 96?	50%	A
11.	41% of 200 =	82	S
12.	25% of 80 = ?% of 40	50%	A
13.	35% of 900 =	315	P
14.	Write $\frac{3}{5}$ as a percentage.	60%	U
15.	90% of 49 =	44.1	M
16.	75% of 420 =	315	P
17.	25% of ? = 20	80	K
18.	14% of 500 =	70	I
19.	Which is larger, 0.8 or 71%	0.8	N

Why was Cinderella such a bad rugby player?

Her coach was a pumpkin.

**Charles Darwin's Birthday (12 February)**

Charles Darwin was an English naturalist, biologist and geologist. He is most famous for his contributions to the scientific theory of evolution. He was born on 12 February 1809 in Shrewsbury, Shropshire. His theory of evolution by natural selection was very shocking during the time he lived (the Victorian era). Despite this, he published his book 'On the Origin of Species' in 1859.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1. If  $a=7$ ,  $b=5$ , then  $a + a + b = ?$

2. If  $x + 5 = 12$ , then  $x = ?$

3. If  $4y + 2 = 26$ , then  $y = ?$

4. I think of a number, subtract 12, and get 20. Write this as an equation.

5. If  $c=3$ ,  $d=7$ , then  $cd = ?$

**Did you know?**

Darwin went on a voyage of scientific discovery around the world on the HMS Beagle.

6. If  $5 + 2y = 19$ , then  $y = ?$

7. If  $g=2$ ,  $h=5$  and  $j=4$ , then  $gh - j = ?$

8. How can you write  $b \times b$  differently?

9. If  $3x - 5 = 13$ , then  $x = ?$

10. How can you write  $a + b + a + b$  differently?

11. I eat 6 sweets and there are 7 left in the packet. Write this as an equation.

12. If  $p=12$ , then  $p \div 2 = ?$

13. If  $a=15$ , then  $a \div 3 + 6 = ?$

14. I think of a number ( $y$ ), multiply it by 3 and add 6. Write this as an equation.

15. 5 is 4 more than  $x$ . Write this as an equation.

16. How can you write  $y + y + y + 6$  differently?

17. If  $d = 10$ , then  $2d \div 4 = ?$

18. If  $2b = 38$ , then  $b = ?$

19. If  $5t + 3 = 23$ , then  $t = ?$

A	B	C	D	E	F	G	H	I	J	K	L	M
$2+d=8$	$y^3+6$	21	$2b$	6	$x-7=6$	17	7	$3y+6$	3	9	$12-x=20$	$x+4=5$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	$x+5=4$	$x-6=7$	10	11	4	19	$3c=9$	$a^2+b^2$	$b^2$	$2a+2b$	$x-12=20$	8

**What do scientists use to freshen their breath?**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Charles Darwin's Birthday (12 February)

- |     |                                                                                     |               |          |
|-----|-------------------------------------------------------------------------------------|---------------|----------|
| 1.  | If $a=7$ , $b=5$ , then $a + a + b = ?$                                             | 19            | <b>T</b> |
| 2.  | If $x + 5 = 12$ , then $x = ?$                                                      | 7             | <b>H</b> |
| 3.  | If $4y + 2 = 26$ , then $y = ?$                                                     | 6             | <b>E</b> |
| 4.  | I think of a number, subtract 12, and get 20. Write this as an equation.            | $x - 12 = 20$ | <b>Y</b> |
| 5.  | If $c=3$ , $d=7$ , then $cd = ?$                                                    | 21            | <b>C</b> |
| 6.  | If $5 + 2y = 19$ , then $y = ?$                                                     | 7             | <b>H</b> |
| 7.  | If $g=2$ , $h=5$ and $j=4$ , then $gh - j = ?$                                      | 6             | <b>E</b> |
| 8.  | How can you write $b \times b$ differently?                                         | $b^2$         | <b>W</b> |
| 9.  | If $3x - 5 = 13$ , then $x = ?$                                                     | 6             | <b>E</b> |
| 10. | How can you write $a + b + a + b$ differently?                                      | $2a + 2b$     | <b>X</b> |
| 11. | I eat 6 sweets and there are 7 left in the packet. Write this as an equation.       | $x - 6 = 7$   | <b>P</b> |
| 12. | If $p=12$ , then $p \div 2 = ?$                                                     | 6             | <b>E</b> |
| 13. | If $a=15$ , then $a \div 3 + 6 = ?$                                                 | 11            | <b>R</b> |
| 14. | I think of a number ( $y$ ), multiply it by 3 and add 6. Write this as an equation. | $3y + 6$      | <b>I</b> |
| 15. | 5 is 4 more than $x$ . Write this as an equation.                                   | $x + 4 = 5$   | <b>M</b> |
| 16. | How can you write $y + y + y + 6$ differently?                                      | $3y + 6$      | <b>I</b> |
| 17. | If $d = 10$ , then $2d \div 4 = ?$                                                  | 5             | <b>N</b> |
| 18. | If $2b = 38$ , then $b = ?$                                                         | 19            | <b>T</b> |
| 19. | If $5t + 3 = 23$ , then $t = ?$                                                     | 4             | <b>S</b> |

What do scientists use to freshen their breath?

They chew experi-mints.

Chinese New Year (21 January - 20 February)

Chinese New Year always falls sometime between 21 January and 20 February. The exact date changes depending on when the new moon appears within these dates. This type of calendar is called a lunar calendar. Legend says that every New Year's Eve, a monster named Nian would terrorize villages. Most people would hide in their homes when he came. One day, a boy decided to fight and scared Nian off using firecrackers. To this day, firecrackers are still used to celebrate.

**Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.**

1.  $340 \div 1,000 =$

2.  $22.53 \div 3 =$

3.  $0.025 \times 100 =$

4.  $4.3 \times 5 =$

5.  $0.2 \div 100 =$

**Did you know?**  
Each Chinese Year is linked to an animal. 2020, for example, is the year of the rat.

6.  $2.013 \times 1,000 =$

7. What is  $\frac{3}{8}$  as a decimal?

8.  $25 \div 10 =$

9. What is  $\frac{3}{5}$  as a decimal?

10.  $420.3 \div 100 =$

11.  $2.38 \div 7 =$

12.  $3.755 \times 2 =$

13. Round 3.77 to the nearest tenth.

14. What is the value of 2 in 71.902?

15.  $7.27 \times 6 =$

16.  $9.733 \times 100 =$

17. What is  $2\frac{5}{10}$  as a decimal?

18.  $15.2 \div 4 =$

A	B	C	D	E	F	G	H	I	J	K	L	M
43.62	2.14	0.002	0.01	2.5	42.3	3.7	7.51	4.203	2.6	0.02	973.3	0.375
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
3.4	2,013	4.3	23.6	2.36	3.8	0.34	7.5	0.25	0.6	3.70	21.5	0.034

**Why is it easy to work out the weight of a dragon?**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



1.	$340 \div 1,000 =$	0.34	T
2.	$22.53 \div 3 =$	7.51	H
3.	$0.025 \times 100 =$	2.5	E
4.	$4.3 \times 5 =$	21.5	Y
5.	$0.2 \div 100 =$	0.002	C
6.	$2.013 \times 1,000 =$	2,013	O
7.	What is $\frac{3}{8}$ as a decimal?	0.375	M
8.	$25 \div 10 =$	2.5	E
9.	What is $\frac{3}{5}$ as a decimal?	0.6	W
10.	$420.3 \div 100 =$	4.203	I
11.	$2.38 \div 7 =$	0.34	T
12.	$3.755 \times 2 =$	7.51	H
13.	Round 3.77 to the nearest tenth	3.8	S
14.	What is the value of 2 in 71.902?	0.002	C
15.	$7.27 \times 6 =$	43.62	A
16.	$9.733 \times 100 =$	973.3	L
17.	What is $2\frac{5}{10}$ as a decimal?	2.5	E
18.	$15.2 \div 4 =$	3.8	S

Why is it easy to work out the weight of a dragon?

They come with scales.