

Relay Question 1

If a week only had 1 day in it, how many weeks would there be in a leap year?

Answer: _____



Relay Question 2

How many hours are there in a leap year?

Answer: _____



Relay Question 3

If today is 3 days before Tuesday, and tomorrow will be 5 days before my birthday, what day is my birthday on?

Answer: _____



Relay Question 4

If $\frac{3}{4}$ of all supermarkets sell my favourite crisps, and two-thirds of these are out of stock at the moment, what percentage of all supermarkets have the crisps in stock?

Answer: _____



Relay Question 5

If $\star = 3$ points and $\bullet = 4$ points, how many points does \blacksquare equal?

$$\begin{array}{c} \star \\ \star \\ \star \end{array} + \begin{array}{c} \bullet \\ \bullet \\ \bullet \end{array} - \begin{array}{c} \blacksquare \\ \blacksquare \\ \blacksquare \end{array} = 1$$

Answer: _____

Relay Question 6



If I eat half a cake and give half of the remainder to my friend, how much of the cake is left?

Answer:

Relay Question 7

Insert arithmetical signs between these numbers to make the equation correct:

$$18 \quad 2 \quad 9 \quad 16 \quad 5 = 100$$

Relay Question 8

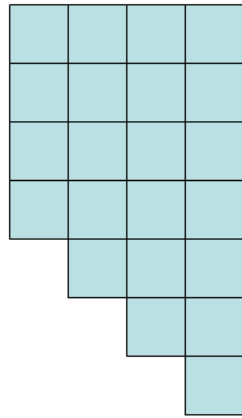


My Gran (Granny Smith) was born on March the 12th 1924. What was so special about her 21st birthday?

Answer:

Relay Question 9

How many squares are there here?



Answer: _____

Relay Question 10

If bread and milk together currently cost £1, of which the milk accounts for 40p, how much would the bread cost if the price increased by 10%?



Answer: _____

Relay Question 11

Which number is the odd one out?

THIRTY-SIX

SIXTY-FOUR

SEVENTY-TWO

TWENTY-FIVE

EIGHTY-ONE

Relay Question 12

A man bets £40 and wins back his original stake, plus £60. He spends one tenth of it on a meal and one twentieth on a taxi fare home. He then buys a present for his wife which cost half of what he had left.

How much money does he have now?

Answer: _____

Relay Question 13

IF I HAD ONE MORE SISTER, I WOULD HAVE TWICE AS MANY SISTERS AS BROTHERS.

IF I HAD ONE MORE BROTHER, I WOULD HAVE THE SAME NUMBER OF EACH.

HOW MANY BROTHERS AND SISTERS DO I HAVE?

____ sisters ____ brothers

Relay Question 14

Which arithmetical signs should go in the brackets to complete the equations:

(a) $5 () 5 () 5 = 2$

(b) $4 () 4 () 4 = 4$

(c) $3 () 3 () 3 = 6$

(d) $2 () 2 () 2 = 8$

Answer: _____

Relay Question 15

Complete the fourth box.









1	2
2	4

3	4
12	144

7	4
28	784

5	9

Relay Question 16

			22
			18
	?		27
19	23	25	

Which shape should replace the question mark?

Relay Question 17

Arrange these shapes in order according to the number of sides, starting with the smallest:

Octagon, Hexagon, Pentagon,
Decagon, Tetragon, Nonagon,
Heptagon, Dodecagon

Relay Question 18

What numbers should
replace the question
marks?

8	1	2	4
6	1	3	7
9	1	7	8
5	1	4	9
8	?	?	8

Answer: _____

ANSWERS

- | | | | |
|-----|----------------------|------|----------------------------------------------|
| (1) | 366 | (10) | 66p |
| (2) | 8784 | (11) | 72 |
| (3) | Friday | (12) | £42.50 |
| (4) | 25% | (13) | 3 sisters, 2 brothers |
| (5) | 6 | (14) | (a) +, ÷ (b) ÷, x (c) x, - (d) x, x |
| (6) | A quarter | (15) | 45, 2025 |
| (7) | x, ÷, +, x | (16) | Circle |
| (8) | The date was 12/3/54 | (17) | Tetra, Pent, Hex, Hept, Oct, Non, Dec, Dodec |
| (9) | 36 | (18) | 16 |