

RELAY QUESTION 1



To allow last minute Christmas shopping, Silverburn Shopping Centre is opening from 8am till midnight on Mondays to Saturdays and 8am till 10pm on Sundays. How many hours is it open in one week?

ANSWER:_____

RELAY QUESTION 2

A large roll of ribbon is 12m long. If each package takes 65cm of ribbon, how many packages can be wrapped?



ANSWER:_____

RELAY QUESTION 3



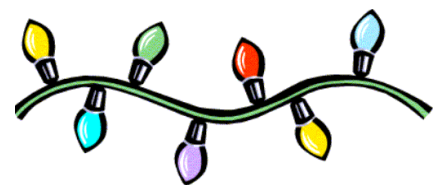
I want to play "Head, Shoulders, Knees and Toes" at my Christmas party.

If you sing the whole song from start to finish, how many times would you touch a part of the body?

(remember 1 head, 2 shoulders, etc)

ANSWER:_____

RELAY QUESTION 4



Mr. Green is putting lights around 8 windows; each window is 1 and a half metres wide and 2metres long. How many metres of lights does he need?



ANSWER:_____

RELAY QUESTION 5

Beth is making gingerbread men. She uses 2 raisins for eyes and 3 raisins for buttons for each gingerbread man. She buys 4 boxes of raisins, each with 120 raisins in it. How many dozens of gingerbread men can she make?



ANSWER:-----

RELAY QUESTION 6

(one attempt only!)



Brian wants a 7 and 1/2 foot Christmas tree. Which of these trees is a better buy?

- A.) All trees £42
- B.) £6 a foot
- C.) First 4 feet £22; each additional foot £6

ANSWER:-----

RELAY QUESTION 7



There are 12million children in the UK. If it took Santa 3 seconds to visit each child when delivering presents, how many hours would it take him?

ANSWER:-----

RELAY QUESTION 8

(one attempt only!)



How many degrees are there in a right angel?

ANSWER:-----

RELAY QUESTION 9

Each batch of 48 Christmas cookies that Cookie Monster makes takes 20 minutes in the oven. If the oven is on for 3 hours and 55 minutes (15 minutes for preheating), how many cookies did Cookie Monster make?



ANSWER:-----

RELAY QUESTION 10

Using only the digits 1 through 9, place them along the sides of the Christmas tree to ensure that each side totals the same amount.



RELAY QUESTION 11










One group of Christmas carolers goes to every 6th house in a neighbourhood, another goes to every 8th house. At which house will they first meet?



ANSWER:-----

RELAY QUESTION 12

Christmas Sudoku...you can only have one of each type of Christmas picture in each row, column and 2x2 square:

RELAY QUESTION 16

On the 1st day of Christmas, my true love gave to me a partridge in a pear tree. **(1 present)**

On the 2nd day of Christmas, my true love gave to me 2 turtle doves and a partridge in a pear tree. **(3 presents altogether)**

On the 3rd day of Christmas, my true love gave to me 3 French hens, 2 turtle doves and a partridge in a pear tree. **(6 presents altogether)**

So by day 3, I have been given $1+3+6=10$ presents. How many will I have after the 12th day of Christmas??

ANSWER:_____

RELAY QUESTION 14



My world-famous "Chris-Smith pudding" recipe includes two of your 5-a-day fruits!!

I always try to include 23 currants and 27 raisins in each pudding. If I have 850 currants and 970 raisins, how many puddings can I make?

ANSWER:_____

RELAY QUESTION 15



A snowman takes 20kg of snow to make, but a snowboy only takes 9kg of snow.

I love snow- using 1,263kg of snow I made 78 snowpeople. How many **snowboys** did I make??


















































ANSWER:_____

RELAY QUESTION 13

Melody bought four boxes of red and green Christmas tree ornaments. Each box contained a dozen ornaments. There was an average of two broken ornaments in each box. Three of the boxes had only one broken ornament each. How many ornaments were broken in the other box?



ANSWER:_____

Q1	110 hours																
Q2	18 packages																
Q3	87																
Q4	56m																
Q5	8 dozen																
Q6	Option A																
Q7	10,000 hours																
Q8	127 ⁰																
Q9	528cookies																
Q10	<p>Using only the digits 1 through 9, place them along the sides of the Christmas tree to ensure that each side totals the same amount.</p>  <p><i>Solution 1</i> All 3 sides total 20</p> <p>note: this solution is not unique</p>																
Q11	24 th house																
Q12	<p>Christmas Sudoku 1 Type of Solution</p> <table border="1" data-bbox="311 1424 633 1693"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>																
																	
																	
																	
																	
Q13	5																
Q14	35 puddings																
Q15	27 snowboys																
Q16	364 presents																

