

Welcome to the Lambert Print and Design Answers page, we hope you enjoyed your brainteasers, sudokus and games of noughts and crosses as well hopefully getting a bit of work done as well.

This page is here for you to resolve the arguments in the office over the correct answers and confirm who is the brainiest at your workplace but don't you be cheating! If you have not worked on the puzzles long enough get back to solving them! And why not check out our brand new website as well.

Here are the answers to put your mind at rest

Brian Teasers

1. If cat and a half can catch a mouse and a half in a day and a half how many mice can 3 cats catch in 3 days?

Six mice: if a cat and a half can catch a mouse and a half in a day and a half - this means that one cat catches one mouse in a day and a half. Thus in 3 days, one cat catches 2 mice. Therefore 3 cats will catch 6 mice in 3 days.

2. What common word has 4 vowels, one after the other?

Queue.

3. If the Manchester Quartet can play Beethoven's 9th Symphony in 12 minutes, how quickly can the Birmingham Trio play it?

In the same time, the time taken to play should not rely on the number of players!

4. What letter comes first in this grid?

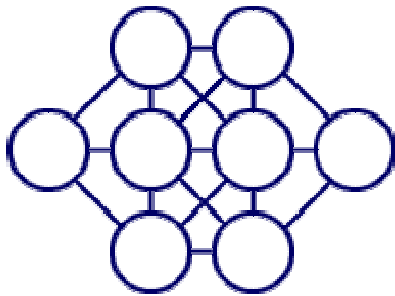
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_ T T F F  
S S E N T  
E T T F F  
S S E N T
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O: the letters are the first letters of the first numbers, One, Two, Three, etc.

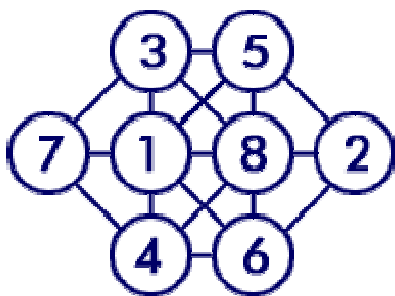
5. A ship is docked in the harbour. Over the side hangs a rope ladder with rungs a foot apart. The tide rises at a rate of 9 inches per hour. At the end of six hours, how much of the rope ladder will still remain above water, assuming that 9 feet were above the water when the tide began to rise?

Still 9 feet because the ladder will rise with the ship!

6. Can you place the numbers 1 to 8 into the following grid. No two consecutive numbers can be directly next to each other either horizontally, vertically or diagonally.



The following is one answer, all other answers are a reflection or rotation of this.



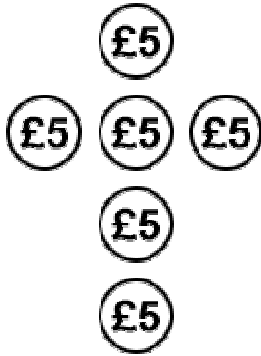
7. Put the characters C - D - M - L - X in the right order - but not alphabetical.

X - L - C - D - M: roman numerals

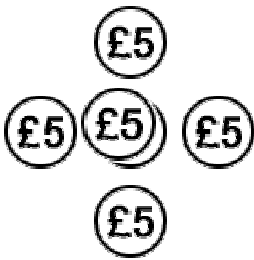
8. Can you place the words ONE, TWO, THREE, FOUR, FIVE, SIX, SEVEN and EIGHT into a 5x5 grid of letters. The words must be in a straight line, but can be in any direction, including diagonally.

?	?	?	?	?	T	H	R	E	E
?	?	?	?	?	S	E	V	E	N
?	?	?	?	?	S	I	X		O
?	?	?	?	?	F	O	U	R	W
?	?	?	?	?	E	I	G	H	T

9. In this picture you can see 6 circles in the shape of a cross. Moving just ONE circle, can you form 2 lines, each with 4 circles?



Simply move the bottom circle on top of the middle one.



10. If it were two hours later, it would be half as long until midnight as it would be if it were an hour later.
What time is it?

21:00.

11. What two letters come next in this sequence:

A E F H I K L M ? ?

N T: These are the letters that only require straight lines to form them

12. Can you find the hidden nine letter word in this grid? Starting with any letter you may move in any direction, including diagonally to spell out the letters of the word in their correct order.

H L E C
L E H E
A A N G
E N A G

Challenge.

13. Can you find a five letter word, which, when typed in upper-case, reads the same upside down?

SWIMS.

14. This thing all things devours,
Birds, beasts, trees, flowers,
Gnaws iron, bites steel,
Grinds hard stones to meal,
Slays king, ruins town,
And beats high mountains down.

What am I?

Time

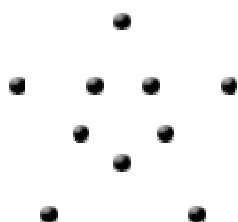
15. Which two letters come next in this sequence:

ME VE EA MA JU SA ??

UR: from Uranus, the planets are in sequence, Mercury, Venus, etc.

16. Can you place ten coins into 5 rows, with each row containing 4 coins, without placing any coin on top of another coin?

Place the coins in the following arrangement:



17. Can you find a seven letter word such that:

The first two letters are a man.

The first three letters are a woman.

The first four letters are a great man.

The whole is a great woman.

Heroine.

18. There is a closed room with a light in it. Outside, there are 3 light switches. You can flick any of the switches any number of times. You can only open the door and go into the room once. You know that the light is initially off. How can you determine which light switch operates the light?

Leave switch 1 alone. Flick switch 2 for 1 hour, then flick back. Flick switch 3. Now look. If the light is on, then the switch is 3, if the light bulb is warm, then switch 2, else switch 1.

19. What number comes next in this sequence:

3 5 4 4 3 5 ?

5: this is the number of letters in the word EIGHT. Therefore the numbers represent the number of letters of the words ONE, TWO, THREE, etc.

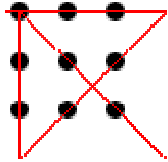
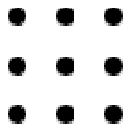
20. What starts with an E, ends with an E and usually contains only one letter?

ENVELOPE.

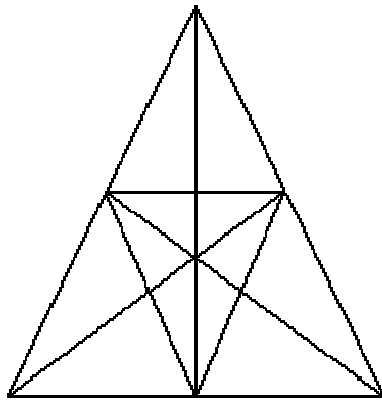
21. If you were to spell out the numbers in full, (One, Two, Three, etc), how far would you have to go until you found the letter 'A'?

1000: one thousand. Unless you in the UK when 101 = one hundred And one.

22. Using exactly four straight lines, without taking your pen off the paper, can you join all nine dots? You are not allowed to retrace your path.



23. How many triangles can you find of any size in this diagram?



There are 47 triangles.

24. What is represented by the image below?

G G E
G E G
E G G

Scrambled eggs.

Sudokus

Solution 1

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

Solution 2

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

Solution 3

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

Solution 4

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

Solution 5

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

Solution 6

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

Solution 7

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

Solution 8

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

Solution 9

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

Solution 10

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

Solution 11

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

Solution 12

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

Solution 13

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

Solution 14

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

Solution 15

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

Solution 16

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

Solution 17

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

Solution 18

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

Solution 19

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

Solution 20

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

Solution 21

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

Solution 22

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

Solution 23

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

Solution 24

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