crossword/brainteasers

☞ **Hello and goodbye**

Sadly, this will be the last Prize Puzzle. After more than 20 years, the J J Clessa column is closing down to make way for a new restructured *PCW*, which we hope you all enjoy (and about time too, did I hear you cry!). There will still be information about the winners right up to the April issue, but no more puzzles. However, the Clessa website will still cater for your puzzle needs and answer queries about previous prize puzzles – see **www.jj.clessa.dial.pipex.com** for details.
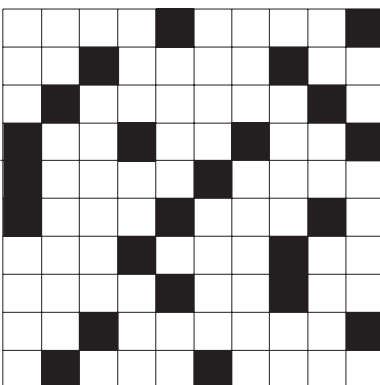
☞ **Quickie**

Can you find the digits that each letter represents in the following equation?
ICE x ICE = IGLOO

☞ **This month's Prize Puzzle**

Here's your last chance to win a Clessa prize. It's the usual after-Christmas dinner number crossword. Simply fit the numbers into the grid – some across, some down:

17	29	38	38
38	52	52	58
67	72	76	77
78	87	87	91
415	533	554	568
637	707	781	799
926	1327	3652	4622
5650	5762	6165	6315
6705	7186	7537	7829
7921	8274	8625	696556
787572	805757	831361	886940

Answers please on postcards to: *PCW* Prize Puzzle – January 2000, PO Box 99, Harrogate, North Yorkshire HG2 0XJ to arrive no later than 20 January 1999.
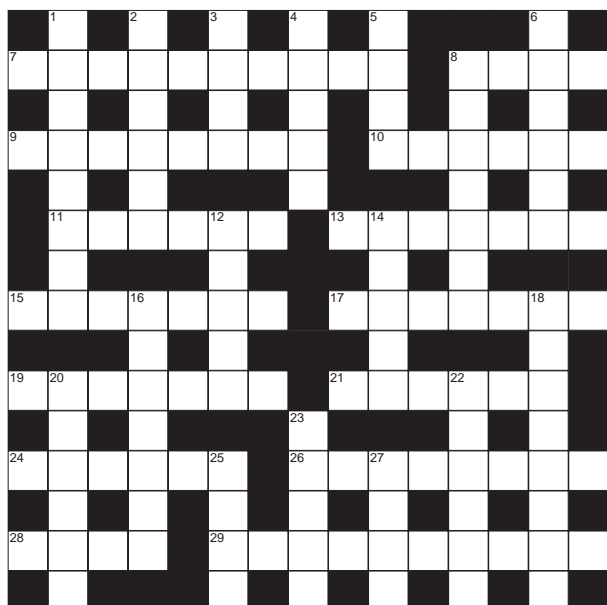
We also accept answers by email. Send the solution, your name and an address where the prize can be sent, to: jj.clessa@btinternet.com. Please note that we DO NOT open attachments, but you can submit your answer without having to use graphics – by using 10 10-digit numbers to represent the grid, using X for the blanks, eg 1234X6789X.

☞ **Winner of October's Prize Puzzle**

Our October puzzle asked you to work out the probability that a number which is not greater than 100 million would have a digital sum of 49. Since there are 1,419,000 numbers with this sum, the probability is 1,419,000 in 100,000,000 – ie 0.01419. The winning entry came by email from Alex Dicks of Winchester.

J J CLESSA

prize crossword

ACROSS

7 Digital unravelling of coded messages (10)
8 PC graphics file format (4)
9 Magnetic tape device (8)
10 and 24 across Simple apps for preventing monitor burn (6, 6)
11 Program development experimenter (6)
13 Whole number (7)
15 DOS's 'give me a command' lines (7)
17 The C of CPU (7)
19 They direct data between networks (7)
21 Device for picking up radio and TV signals (6)
24 See 10 across
26 Permanently present in the main memory (8)
28 Program's faults or defects (4)
29 Non-traditional way of representing thought (5, 5)

DOWN

1 Glass wine container (8)
2 Moment of decision (6)
3 Notice (4)
4 Striped cat (5)
5 Termites (4)
6 Decadent, unproductive (6)
8 Raging stream (7)
12 Go in (5)
14 Female relative (5)
16 Murmurs (7)
18 Ocean (8)
20 Non-transparent (6)
22 Under cover (6)
23 Mad (5)
25 Use a sieve (4)
27 Utters (4)

Solutions to December's crossword

ACROSS

7 Debug 8 Dump 9 Read 11 Prints 12 Firewall 13 Demo 15 URL 16 Zeros 19 History 20 Pirated 23 Cells 25 Exe 26 Spam 28 Protocol 30 Master 32 HTML 33 Ones 34 Beeps

DOWN

1 Dear 2 Turncoat 3 Buffalo 4 Spare 5 Browse 6 Hall 10 Estuary 14 Elite 17 Omega 18 Dilemma 21 Assisted 22 Wellies 24 Little 27 Actor 29 Rots 31 Espy