

## Quickie

One transport lorry overtakes another on the motorway, taking twice as long to pass it as it would have done had the two lorries been travelling in opposite directions. How many times faster than the second lorry is the first lorry travelling?

## This Month's Prize Puzzle

To choose the winners for Prize Puzzles where there is more than one correct solution (usually every month) I use a random number generator which will come up with a random number between any limits that I give it.

If I use it to generate an integer in the range one to 100 million inclusive, what is the probability that the number produced will have a digital sum of exactly 49 – ie a number whose digits add up to 49?

Exact answers only please, on a postcard or the back of a sealed envelope, to: PCW Prize Puzzle – October 1999, PO Box 99, Harrogate, N. Yorks

HG2 0XJ, to arrive not later than 20th October 1999.

We will also accept solutions by email. Send the solution and your name and address only (no explanatory notes or program listings, etc) to:

[jj.clessa@btinternet.com](mailto:jj.clessa@btinternet.com)

## Winner of July 1999 Prize Puzzle

A fairly easy puzzle that could be solved (and was, by most entrants) by analytical methods. The size of the entry bag – almost 160 – showed how simple it actually was. The winning entry came from Mr Richard Jones of Reigate, Surrey. The answer was that one lady bought 13, the other lady bought four. However, there was no way to find out which lady bought what. Congratulations, Richard, your prize is winging its way to you.

## May the answer be with you

Remember the May puzzle, the one about English, Science and Maths books? Several of our readers have

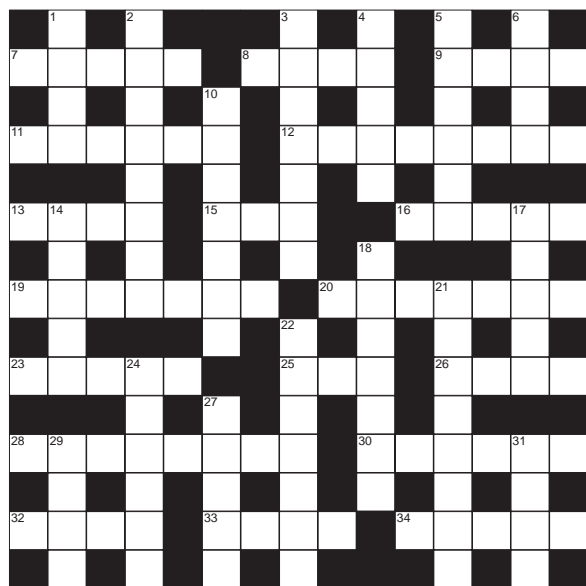
informed me that they could not understand how the solution was obtained. Unfortunately, I am unable to publish the solution here for reasons of space, but if anyone would like to have it, I will send it to them, either by sae or by email, if they contact me.

● If you send an email entry, remember to include an address to where the prize can be sent should you be a winner.

● By the way, have you applied for the latest Clessa Quickie books at the reduced price of £2.25 each? Quite a few of you have already. For further information, you can write or email me at the puzzle entry address, or you can visit the new JJ Clessa website at <http://dspace.dial.pipex.com/jj.clessa>. It contains, among other things, answers to earlier Quickies, a difficult puzzle (but not the PCW kind, ie the kind that can be solved by whirring computers), hopefully a few readers' comments, a bit of this and that – and, of course, a plug for the latest Clessa Quickie books!

JJ CLESSA

# prize crossword



## ACROSS

- 7 Free version of Unix (5)
- 8 Part of a 34 across (4)
- 9 See 30 across
- 11 Division of a disk (6)
- 12 Microsoft's Internet software (8)
- 13 Advanced Internet programming language (4)
- 15 Software glitch (3)
- 16 Time to reboot (5)
- 19 Visuals input device (7)
- 20 Existing setting unless another has been stated (7)
- 23 Screen dot (5)
- 25 19 across's text capability (inits) (3)
- 26 Electronic input/

- output point (4)
- 28 Rival of 12 across's company (8)
- 30 and 9 across
- Peripherals plug-in point (6, 4)
- 32 Shock\_\_\_ allows for fun Internet action (4)
- 33 Access point for inserting disks (4)
- 34 Grid-like visual (5)

## DOWN

- 1 Citrus fruit (4)
- 2 Four-line poem (8)
- 3 Retaliation (7)
- 4 Gradient (5)
- 5 Outcry (6)
- 6 French cheese (4)
- 10 Boy singers (7)
- 14 Character code (abbrev) (5)
- 17 Divide (5)
- 18 Sadden (7)
- 21 North African (8)
- 22 One way or another (7)
- 24 Spring festival (6)
- 27 Error (5)
- 29 Test (4)
- 31 Competently (4)



Each month, one lucky PCW Crossword entrant wins a copy of the new Chambers Dictionary.

The winner of August's puzzle is: Mr D W Wyeth, of Bodicote, Oxon. This time, it could be you. Send your completed crossword to: 'PCW September - Prize Crossword', VNU House, 32-34 Broadwick Street, London W1A 2HG, to arrive not later than 31st August, 1999.

• Please state clearly on your entry if you do not wish to receive promotional material from other companies.

## Solutions to August's crossword

### ACROSS

- 7 Internet 9 Analog 10 Disk 11 Character
- 12 Buses 14 Scanner 18 Start Up
- 19 Lithium 22 Refresh 24 Email
- 26 Intranets 28 Tray 29 Laptop
- 30 Provider

### DOWN

- 1 Antiquity 2 Seek 3 Knock 4 Gala
- 5 Battle 6 Soar 8 Trance 13 Ear
- 15 Nail 16 Agar 17 Mutilated 20 Hum
- 21 Asleep 23 Estate 25 Ascot 26 Iraq
- 27 Amps 28 Tail

## Win Millennium BugBuster

**X**plorys is giving 30 PCW readers the opportunity to win a copy of its Millennium BugBuster, worth £34.99 each. Millennium BugBuster, a software program that fixes hardware date mechanisms to be compliant for use in and after the year 2000, is a tailored version of an existing software engine that is currently in use by large multinationals, banks and governments. The software has been altered to perform on a professional but simple level for the average PC user. The BugBuster simply scans all hardware date mechanisms of the PC on BIOS/CMOS/Operating System levels, tests for leap year problems and determines buffered and unbuffered RTC. Whenever the test results of these scans show a failure on year 2000 compliance, the Millennium BugBuster will fix these hardware problems – without you having to do anything.

Features include:

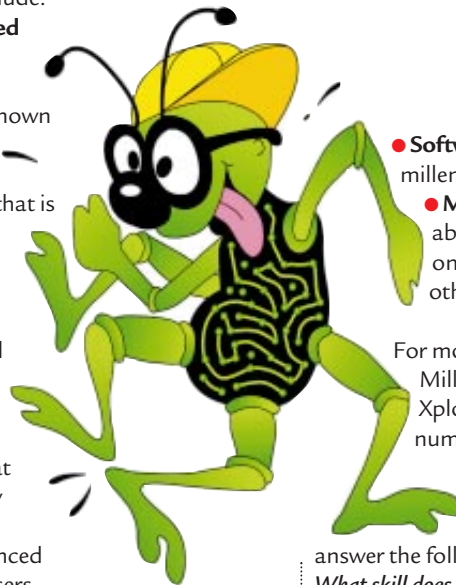
- **Guaranteed hardware compliance**

against all known millennium problems.

- **Software** that is completely accessible in English, Dutch, German and French.

- **User-friendly** software that can be easily installed by non-experienced computer users.

- **Ability to test** an unlimited number of PCs for year 2000 compliance.



- **Software advisor** and a millennium countdown clock

- **Millennium BugBuster** is able to fix the PC hardware on CMOS level, a skill most other products do not have.

For more information on the Millennium Bug Buster from Xplorys, call the free phone number on 0800 634 4242.

➔ **To enter this competition**, simply answer the following question:  
*What skill does Xplorys' Millennium BugBuster have, that most other year 2000 products do not?*

## Win 3D glasses / Graphics card

**T**his month we are giving five PCW readers the chance to win ELSA 3D Glasses and Graphics Card Bundles, worth £179.99 each.

ELSA, a German graphics card vendor has combined its 3D Revelator Glasses with the RIVA TNT-based ERAZOR II, to create a product that gives PC gamers an absorbing 3D experience on a normal PC screen.

**The 3D glasses** connect to the ERAZOR II card and create the 3D effect by alternatively blanking out one lens after the other, 125 times per second. Each eye sees a slightly offset image, which combines to form a near virtual reality 3D impression for the gamer. This prize is an absolute 'must have' for anyone who is into PC gaming.



To give the buyer something to get their teeth

into, the bundle also contains free gaming software in the shape of Need for Speed III, Recoil, and 3D Games samplers.

For more information on Elza's 3D glasses and Graphics Card Bundle, please call 0118 965 7755 or visit [www.elsa.com](http://www.elsa.com).

➔ **To enter this competition** just answer the following question:  
*How many times a second is one lens blanked out after the other?*

- a) 133
- b) 555
- c) 125

### How to enter the competitions

Write your name, address and daytime telephone number on a postcard or the back of a sealed envelope. Mark your card(s) 'PCW/Xplorys Competition' or 'PCW/Elsa Competition' and send to the following address by Friday 30th September 1999:

*Personal Computer World  
Building 960  
Sittingbourne Research Centre  
Sittingbourne  
Kent ME9 8AG*

◆ *Competitions open to residents of the UK only.*

### Rules of entry

These competitions are open to UK readers of *Personal Computer World*, except for employees (and their families) of VNU Business Publications, Xplorys and ELSA. The Editor of *Personal Computer World* is the sole judge of the competition and his decision is final. No cash alternative is available in lieu of prizes.