#### APPLICATION

WORLDLY GOODS Your computer's components are manufactured in a surprising number of different countries

#### HARDWARE



MAKING CONNECTIONS The Prism VTX5000 is a custom-designed modem for the Spectrum

PACKAGE DEAL We review the Amstrad CPC 464, a reasonably priced home computer with its own monitor

429

### SOFTWARE



JUNGLE FEVER Sabre Wulf is an exciting adventure strategy game

# IARGON



FROM DECREMENT TO DIGITAL Our weekly glossary of computing terms

# PROGRAMMING PROJECTS



**COLLISION COURSE** We learn how the BBC program detects collisions between the player characters and the mines

**REFLEX ACTION** We develop a program that tests the speed of your reactions

# PROGRAMMING TECHNIQUES



**DECISIVE MOVES** Continuing our study of flowcharts as an aid to program design

#### MACHINE CODE



CIRCLE OF LIGHT We learn how to plot a circle on the BBC Micro

## PROFILE



LONE STAR Texas Instruments has a history of innovation in the electronics field

# **Next Week**

 We evaluate the Electron Plus 1 Interface from Acorn Computers, designed to bring the Electron closer to the BBC Model B. We compare an upgraded Electron to a BBC to find out

- The Psion Organiser is a new pocket computer from a company known for its software on Sinclair machines. We put the Organiser through its paces
- Bridge is a fascinating game that has recently been computerised. We look at programs designed for home micros and two dedicated machines



# QUIZ

- 1) Who is the MicroGnome?
- 2) In the BBC Minefield program what is the effect of pressing the cursor-down key on the variables delta-x and delta-y?
- 3) Which feature of the Amstrad computer allows the addition of an extra ROM chip?
- 4) Who invented the first integrated circuit?

#### **Answers To Last Week's Quiz**

A1) False, the EP-44 has a thermal ribbon allowing ordinary paper to be used.

A2) The strength of shot is determined by pressing the space

A3) X co-ordinate 1,280 is beyond the resolution of the BBC Micro and has been included for future expansion.

A4) A decision table searches a series of conditions and acts when the condition is met. A decision tree acts on a condition and then branches to another condition.



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