GENERAL KNOWLEDGE JUMBO CROSSWORD 432


## GENERAL KNOWLEDGE JUMBO CROSSWORD 432

## Across

1 Questions the validity of (something) (7)
5 "They [...] __ themselves as faultless scientists of human affairs" (Robert Service on communist regimes) (7)
9 Swiss city which has suburbs in France and Germany (5)
12 Louisa May Alcott novel alternatively titled Life at Plumfield with Jo's Boys $(6,3)$
13 Mainly military US term for maintenance or support (11)
14 An Italian word for "goodbye" (5)
15 Convallaria majalis, a woodland plant with white bell-shaped flowers (4,2,3,6)
16 Small PC (made by Lenovo since 2005) which was used on the space shuttle Endeavour $(3,8)$
17 Rare earth element, a component of CRT and LED phosphors (7)
19 Third-largest city in Siberia, near the Kazakhstan border (4)
21 Spike Milligan was $\qquad$ for Christmas in a 1956 Goons single $(7,9)$
24 Viking vessel with a prow depicting a monstrous creature $(6,4)$
25 Ana's role, stated in a contract, in Fifty Shades of Grey (10)
28 Mexico's first female president-elect, who will take office on October $1(7,9)$
30 Boy band with albums Push (1988), The Time (1989) and Changing Faces (1991) (4)
32 The vibrations of the __ are transmitted by three ossicles (7)
34 A Mafia leader's right-hand man (11)
37 5D's character (pictured) in the sitcom The Good Life $(5,10)$
38 A financial inspection (5)
39 A change of people's shares in something (11)
40 Ariel Sharon's predecessor as Israel's prime minister $(4,5)$
42 Cyrus _ was the US secretary of state for most of Jimmy Carter's term as president (5)
43 Someone who works at an ice hockey stadium in return for free skating time $(4,3)$
44 Mike's opponent in the "Bite Fight" of 1997 (7)


## Down

1 Among birds, the great grey $\qquad$ (pictured) has the largest facial disc (3)
2 The capital of Brandenburg (7)
3 "Place of a skull" crucifixion site in three Gospels (8)
4 Mountain route connecting Brig, Switzerland, and Domodossola, Italy (7,4)
5 Actress who succeeded Lord Olivier as president of the Actors' Benevolent Fund $(8,5)$
6 The recipient of a divorce petition (10)
7 Newton's cradle is an example of this kind of diversion $(4,3)$
8 The materialist $\qquad$ is the theoretical foundation of Marxism (9)
9 London-based American-born painter, best known for The Death of General Wolfe $(8,4)$
10 Actress who was Emmerdale Farm's Annie Sugden for over 20 years $(6,7)$
11 Janet Jackson's sister (6)
14 In garden furniture, the chair is named after a New York state mountain range (10)
18 "Philosophy is explicitness, generality, orientation and $\qquad$ " (Ernest Gellner) (10)
20 Upper house of the Oireachtas $(6,7)$
22 Historic route in the French Quarter of New Orleans $(7,6)$
23 The $\qquad$ is often called the most intelligent breed of $\operatorname{dog}(6,6)$
26 Parisian cabaret seen as the birthplace of the can-can $(6,5)$
27 City by the western end of the South Downs National Park (10)
29 Communication which was often on onion skin paper $(3,6)$
31 Palace complex in southern Spain which became Ferdinand and Isabella's royal court in 1492 (8)
33 Informally, very enthusiastic $(3,4)$
35 "Everything in the world may be $\qquad$ , except only a succession of prosperous days" (Goethe) (7)
36 __ was the main activity in the TV show Whose Line Is It Anyway (6)
41 Aperitif of white wine and cassis (3)


SUKO


Place the numbers 1 to 9 in the spaces so that the number in each circle is equal to the sum of the four surrounding spaces, and each colour total is correct.

CELLBLOCKS


Divide the grid into square or rectangular blocks, each containing one digit only. Every block must contain the number of cells indicated by the digit inside it.

## CONCISE CROSSWORD 1896



CODEWORD



| 1 | 2 | $\mathbf{O}$ | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ${ }^{10}$ | $\mathbf{S}^{11}$ | ${ }^{12}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 14 | ${ }^{15}$ | ${ }^{16}$ | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

In the grid, each number represents a letter of the alphabet - all 26 letters are used. Use the initial clues in the code table to work out the rest of the code.
STUCK? To get four random extra letter clues, call 09012936266 (ROI 1514415128 ) or text STCLUE to 64343 (UK only). Calls cost $£ 1$ (ROI 75c) plus your telephone company's network access charge. Texts cost £1 plus your standard network charge. SP: Spoke, 03332023390 (ROI 0818205403 )
(Mon-Fri 9am-
$5.30 \mathrm{pm})$.

## Down

1 Excite (6)
2 Sultanate in 14 Across (4)
3 Two-bit (1,4,1,5)
4 Bishop's chair (8)
5 Musical gift (3)
6 Feign death $(4,6)$
8 Zilch (6-5)
9 Job (10)
13 Wisdom (8)
15 To hand (6)
18 Counterfeit (4)
20 Completely (3)

## CROSSWORD 5121



NAME
ADDRESS $\qquad$

## Across

1 Tripe, product still made (9)
6 Second matching number (5)
9 Fleet Street gathering with a condition (5)
10 Proper nozzles to water flowers (9)
11 Funny little Russian, a disarming type (14)
13 Deputy leader in a state abroad? (8)
14 God, New York is complex (6)
16 Elaborate spread (6)
18 Serving, at table, foul dessert $(2,6)$
21 Epic moves to halt murderer $(2,5,7)$
23 All died apart from revolutionary in military uniform $(5,4)$
24 Monk and rabbi both undressed (5)
25 Close, as a vessel? (5)
26 "Corrector" renamed to "corrected" (9)

## Down

1 Flies lawman across capital (10)
2 View over wing (7)
3 TV show abridged in series it comprised $(9,6)$
4 Government loans in time to stop strike (8)
5 Prophet, priest, god (6)
6 A piece of cake, clearly fresh (15)
7 That thing in a mask is an alien (7)
8 Boy raised on hotel food (4)
12 Mark Twain was one creator of characters (10)
15 The Spanish president I turned off? (8)
17 Christmas no-no? Leak by Wenceslas? (7)
19 People, being hot, just now dressing (7)
20 Look around very fast (6)
22 Fly over low zone (4)

KILLER SUDOKU HARD

| $20^{2 \cdots-}$ |  |  | $\overline{13}$ | $2^{20-\ldots}$ |  |  | $10^{-\cdots-}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $21$ |  |  | L-..... |  | 7- |  |  | $18^{-\cdots}$ |
|  |  | $7^{\cdots \cdots}$ | ---- |  |  |  |  |  |
| $9^{9}$ |  |  |  |  | $\begin{array}{ll} 8-\cdots \\ 1 \\ 1 \end{array}$ |  |  |  |
| $17$ | 13 |  |  |  |  |  | $14$ |  |
|  | : | 19 |  | $: 10$ | $15^{\circ}$ |  | $21^{\cdots--}$ | 9 |
| $11$ | $\sqrt{3}$ |  |  |  |  |  |  |  |
|  | ( | 25*-- | 11 |  | $21$ | $12^{\cdots \cdots}$ |  |  |
| - |  |  |  |  |  |  | $8^{-}$ |  |

Each row, column and $3 \times 3$ box must contain the digits 1 to 9 . The digits within each group of cells joined by dotted lines must add up to the figure in the top-left-hand corner of each group. Within each dotted-line group, a digit cannot be repeated.


## THE SUNDAY TIMES

MEPHISTO 3334

| 1 | 2 | 3 |  | 4 | 5 |  | 6 | 7 |  | 8 | 9 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  | 10 |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  | 12 | 13 |  |  |  |  |
| 14 |  |  |  |  |  | 15 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  | 17 |  |  |
| 18 |  | 19 |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  | 21 |  |  | 22 |  |  |  |  |
| 25 |  |  |  |  |  | 26 |  |  |  |  | 27 |
| 28 |  |  |  |  |  |  |  | 29 |  |  |  |
| 30 |  |  |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  | 32 |  |  |  |  |  |  |  |

NAME
ADDRESS $\qquad$

Post your solution to The Sunday Times Mephisto 3334, PO Box 29, Colchester, Essex CO2 8GZ, or email puzzle.entries@sunday-times.co.uk

The first correct solution picked at random after next Saturday wins Collins World Atlas: Complete Edition, worth $£ 30$. The next four will receive $£ 20$ Waterstones gift vouchers. Open to 18+ UK \& ROI residents only.

The Chambers Dictionary 13th edition is the primary reference. Readers may email comments or queries to puzzle.feedback@sunday-times.co.uk


## Across

1 Green university put into confusion when name's advanced (8)
7 Old man's shed in city garden (4)
10 Gathering around Dorothy, actress once dear (9)
11 Top four for Arsenal, fantastic for periods of time (4)
13 Grilling party intelligence largely accepts answer (5)
14 Panic-stricken following a reflex attack (6)
15 Pressing swelling squeezing out head (6)
16 Drills around Angola for fuels (7)
19 Shook with fear at not having succeeded, possibly? Not me! (10, three words)
20 Cornerstone awry once bent by heel of trowel (10)
24 Borders of gauze section added to sheer dress fabrics (7)
25 Fancy pigeon that is cooking on the grill? (6)
26 Folk dance headed by shy bride's neat (6)
28 Number barperson's regularly put on? (5)
29 Jailhouse Rock's No 1, it's making a comeback (4)
30 Promoted I advanced avoiding acting like a mercenary? (9)
31 Resent deputy deficient in nothing (4)
32 Large rodent? Better to prevent one crossing yard (8)

## Down

1 Labour eagerly reveals number one constituent? (4)
2 Angrily carp on about people concerning red herring (12, two words)
3 Loose rear, I had ... this? (8)
4 Queen about to trap on the first file? (6)
5 Terrible ordeal, bitten by an insect by stealth (10, three words)
6 Homebuyer so upset with ramshackle house wanting new beginning? (6)
7 Nip back to pass by Italian market town (5)
8 Fashion retailer and good primarily (12, two words)
9 Ornament I fasten round back of neck during greeting (7)
12 Breed of hen flourishing in a rural spot (10)
17 Vexed expression of dismay after piece of wood's thrown over burial ground (8)
18 I provided groundwork that shows level of upheaval (7)
21 Hospital to get on well with a cut nicking hip (6)
22 Times about to swagger, it covers come rain or shine (6)
23 Up north everyone retired may do bargain stores (5)
27 Worthless darts returned having lost points (4)

## CLUE WRITING CONTEST 2030: SECOND HAND

You are invited to write a clue for the word above, in our cryptic crossword style. The best entry selected after next Saturday wins a $£ 25$ Waterstones voucher. Email your entry to puzzle.entries@sunday-times.co.uk.

Winner 2027: David Whyte, Dublin, Ireland
Ptarmigan: I must leave cuckoo mating pair to produce another bird

For a full report, visit thesundaytimes.co.uk/cluewriting

## SUDOKU

Each row, column and $3 \times 3$ box must contain digits 1-9. Winner receives The Times Mindset Puzzles Book 1 and The Sunday Times Teasers Book 2.

WARM-UP

|  |  |  |  |  |  |  | 5 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 | 1 |  |  |  | 9 |  |  |  |
|  | 8 |  | 6 | 1 |  |  | 3 | 7 |
|  |  | 4 | 3 | 8 |  |  |  | 9 |
|  |  |  |  |  | 4 |  | 6 |  |
|  |  | 6 | 2 | 9 |  |  | 5 |  |
|  | 7 |  | 4 | 2 |  |  | 9 | 3 |
| 1 | 4 |  |  |  | 7 |  |  |  |
|  |  |  |  |  |  | 7 | 2 |  |

## VERY HARD — PRIZE 1597

|  | 2 | 8 |  |  |  | 1 | 6 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | 9 |  | 2 |  | 8 |  |  |
|  |  | 5 | 8 | 3 | 6 | 2 |  |  |
|  | 8 |  |  |  |  |  | 1 |  |
| 6 | 5 | 2 |  | 9 |  | 4 | 8 | 3 |
|  |  |  |  |  |  |  |  |  |
|  |  |  | 4 |  | 3 |  |  |  |
|  |  | 6 |  |  |  | 5 |  |  |
|  |  |  | 9 |  | 5 |  |  |  |

To enter, complete the Very Hard puzzle and call 09012925275 (UK only) (ROI 1516303 500), leaving your answer (the numbers in the three shaded squares) and contact details. Or text SUNDAY2,
followed by a space, then your answer (three numbers) and contact details - eg SUNDAY2 123 John Smith, etc - to 64343 (UK only). Calls cost $£ 1$ (ROI $€ 1.50$ ) plus your telephone company's network access charge. Winners will be picked at random from all correct answers received. When entering by phone or text, please provide your FULL name and address details, as incomplete entries may be charged but not entered.


TETONOR EASY

| 28 | 150 | 60 | 61 |
| :---: | :---: | :---: | :---: |
| 144 | 27 | 171 | 31 |
| $\square$ | $\square$ | $\square$ | $\square$ |
| 35 | 140 | 26 | 234 |
| $\square$ | $\square$ | $\square$ | $\square$ |
| 104 | 30 | 228 | 24 |
| $\square$ | $\square$ | $\square$ | $\square$ |


| 1 | 3 | 4 | 4 |  |  | 10 |  | 14 | 18 |  | 26 | 27 |  | 57 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Each number in the main grid can be formed by adding or multiplying a pair of numbers in the strip below the grid. Each pair of numbers should be used twice: once as part of an addition and once as part of a multiplication. For example, a 10 and 24 in the main grid may be solved by the sums, $4+6$ and 4 x 6 , respectively. Enter each sum in the boxes below its answer. Any blanks in the strip must be deduced, bearing in mind the numbers are listed in ascending order.

## POLYGON


From these letters, make words of four or more letters, always including the central letter. Answers must be in the Concise Oxford Dictionary, excluding capitalised words, plurals, conjugated verbs (past tense etc), adverbs ending in LY, comparatives and superlatives.
How you rate
21 words, average; 28, good; 35 , very good; 43 , excellent.


All the digits 1 to 6 must appear in every row and column. In each thick-line "block", the target number in the top left-hand corner is calculated from the digits in all the cells in the block, using the operation indicated by the symbol.

TEASER 3226

Andrew Skidmore

## Prime Choice

I have written down three numbers, which together
use each of the digits from 0 to 9 once.

All the numbers are greater than one hundred and the two smaller numbers are prime. I have also written down the product of the three numbers. If I told you how many digits the product
contains you wouldn't be able to tell me the value of the product. However, if I also told you whether the product is odd or even then you would be able to work out all the three numbers.
What, in increasing order, are my three numbers?

Send your solution to: The Sunday Times Teaser 3226, PO Box 29, Colchester, Essex CO2 8GZ or email puzzle.entries@sunday-times.co.uk. The first two correct solutions opened after next Saturday each win a $£ 20$ Waterstones voucher. Open to $18+$ UK \& ROI residents only.


## SUDOKU WARM-UP

| 3 | 2 | 8 | 7 | 6 | 4 | 9 | 1 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 7 | 6 | 4 | 5 | 9 | 1 | 3 | 8 | 2 |
| 1 | 5 | 9 | 3 | 2 | 8 | 4 | 6 | 7 |
| 4 | 9 | 3 | 8 | 5 | 6 | 7 | 2 | 1 |
| 8 | 1 | 5 | 2 | 4 | 7 | 6 | 3 | 9 |
| 6 | 7 | 2 | 9 | 1 | 3 | 5 | 4 | 8 |
| 2 | 3 | 1 | 6 | 7 | 5 | 8 | 9 | 4 |
| 5 | 4 | 6 | 1 | 8 | 9 | 2 | 7 | 3 |
| 9 | 8 | 7 | 4 | 3 | 2 | 1 | 5 | 6 |

SUDOKU 1596

| 5 | 1 | 6 | 2 | 8 | $\mathbf{4}$ | 9 | 3 | $\mathbf{7}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | 4 | $\mathbf{3}$ | $\mathbf{6}$ | 7 | $\mathbf{9}$ | 1 | $\mathbf{5}$ | 8 |
| 7 | $\mathbf{8}$ | 9 | 1 | 3 | $\mathbf{5}$ | $\mathbf{6}$ | 4 | $\mathbf{2}$ |
| 1 | $\mathbf{7}$ | 2 | $\mathbf{5}$ | 9 | 3 | $\mathbf{4}$ | 8 | 6 |
| 3 | 9 | 4 | 8 | 6 | 7 | 2 | 1 | 5 |
| 8 | $\mathbf{6}$ | $\mathbf{5}$ | 4 | 1 | $\mathbf{2}$ | $\mathbf{3}$ | 7 | $\mathbf{9}$ |
| 9 | 2 | $\mathbf{7}$ | $\mathbf{3}$ | 4 | $\mathbf{8}$ | 5 | $\mathbf{6}$ | 1 |
| 6 | $\mathbf{3}$ | 8 | 9 | 5 | 1 | $\mathbf{7}$ | $\mathbf{2}$ | 4 |
| $\mathbf{4}$ | 5 | $\mathbf{1}$ | 7 | 2 | $\mathbf{6}$ | 8 | 9 | 3 |

## KILLER SUDOKU

| 7 | 3 | 9 | 4 | 1 | 8 | 5 | 2 | 6 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5 | 6 | 2 | 9 | 7 | 3 | 8 | 1 | 4 |
| 8 | 4 | 1 | 2 | 5 | 6 | 7 | 3 | 9 |
| 2 | 9 | 5 | 7 | 3 | 4 | 1 | 6 | 8 |
| 6 | 8 | 7 | 1 | 9 | 5 | 2 | 4 | 3 |
| 4 | 1 | 3 | 8 | 6 | 2 | 9 | 5 | 7 |
| 9 | 7 | 6 | 3 | 2 | 1 | 4 | 8 | 5 |
| 1 | 5 | 8 | 6 | 4 | 7 | 3 | 9 | 2 |
| 3 | 2 | 4 | 5 | 8 | 9 | 6 | 7 | 1 |

CODEWORD


KENKEN


TETONOR

|  | 90 | 230 |  |
| :---: | :---: | :---: | :---: |
| 93]+1 | + 8 |  | 4+ |
| 42 | 12 | 33 | 216 |
| + 6 | $15 \times 8$ | 7+2 | 36 \| |
| 182 | 23 | 12 | 72 |
|  |  | 21 $\times 1$ | 18] $\times 14$ |
| 27 | 17 | 93 |  |
|  |  |  |  |

GENERAL KNOWLEDGE JUMBO CROSSWORD 431
Across: 1 Anglo-Saxons, 7 Roundsman, 12 Toastmistress, 13 Decades, 14 Rain Dance, 15 Tudor 16 Deter, 17 Trackage, 19 Rubeus Hagrid, 21 Corsica, 23 Apiary, 25 Napalm, 27 Bangladesh, 28 Watercress, 31 Knight, 33 Anglia, 34 Almoner, 37 Rolanda Hooch, 39 Tranship, 42 Tesla, 43 Amish, 44 Expiatory, 46 Etonian, 47 Isabel Neville, 48 Tony Nader, 49 Sidney Lumet Down: 1 Antarctic, 2 Granita, 3 Octad, 4 Ariana Grande, 5 Outlet, 6 Sheet music, 7 Rushdie, 8 Underuse, 9 Docudrama, 10 Mediterranean, 11 Nostradamus, 18 Krill, 20 Carson,
22 Runcible spoon, 24 Reagan, 26 Megan Rapinoe, 27 Baker Street, 29 Cumin, 30 Blockheads, 32 Hungarian, 35 Repayment, 36 Japanned, 38 Olivier, 40 Hoodlum, 41 Aeneid, 45 Anvil.

## MEPHISTO 3333

Across: 1 Tease, 5 Drainer, 10 Pollyannish, 12 Wineskin, 13 Atop, 14 Wotan, 16 Wreckage, 18 Laotian 20 Hit it, 22 Elops, 23 Stelene, 24 Gadgetry, 27 Amber, 29 Cube, 30 Lionhead, 31 Car-sickness, 32 Honesty, 33 Edges Down: 1 Towable, 2 Epithalamia, 3 Slept, 4 Elsewise, 5 Dyker, 6 Raiment, 7 Info, 8 Nictates, 9 Rhine, 11 Staging base, 15 Wood-born, 17 Cheyenne, 19 Astrict, 21 Teredos, 24 Ganch, 25 Rooky, 26 Ached, 28 Erse

## CROSSWORD 5120

Across: 1 Half-pipe, 5 Épée, 8 Acts, 9 And so forth, 11 Action, 13 Notional, 14 Lodgings, 16 Peoria, 17 Arafat, 19 Assassin, 21 Water bug, 22 Daring, 23 Stephenson, 24 Each, 26 Rate, 27 Bassinet Down: 1 Hic, 2 Lasting, $\mathbf{3}$ Plain, 4 Pedants, 6 Pro bono, 7 Extradition, 10 Octopus, 12 Choirmaster, 15 Notable, 18 Fleapit, 19 Augusta, 20 Surgeon, 22 Dunes, 25 Cut

## CONCISE CROSSWORD 1895

Across: 1 Abel, 4 Producer, 8 Contribution, 9 Slush fund
11 Bag, 13 At will, 14 Sudden, 16 End, 18 For a laugh, 19 Bilbo Baggins, 20 Cry havoc, 21 Tome
Down: 2 Backlot, 3 Longship, 4 Portfolio, 5 Druid, 6 Climb, 7 Röntgen, 10 Nostalgic, 12 Idealist, 13 Alembic, 15 Ergo sum, 17 Dally, 18 Flora
2022, 2007, 1996, 1974, 1952

TODAY'S SOLUTIONS

SUKO


CELL BLOCKS


## POLYGON

else, enrol, enroll, enroller, keel, keelson, kelson, kernel, kneel, knell, knoll, koel, leek, leer, leno, lens, leone, lone, loner, lore, Iorn, lose, loser, orle, reel, resell, resole, role, roll, roller, seel, sell, seller, skell, skol, sleek, sloe, snorkel, snorkeler, snorkeller, sole, sorel, sorrel

Winners Crossword 5118 T Cole, Swanmore, Hampshire, J Barry, Meare, Somerset, M Bonaforte, Bournemouth, Dorset, J Taylor, London N17 Mephisto 3331 A Jepson, Huddersfield, West Yorkshire, C Falder, Kemble, Gloucestershire, M Forrester, London SW15, K Horsburgh, Winchcombe, Gloucestershire, J McKay, Wishaw, Lanarkshire Teaser 3223 S Marchbanks, Seaford, East Sussex, G Walker, London W1 Chess 1434 D Artioukh, Formby, Merseyside Sudoku 1594 B Clark, Felixstowe, Suffolk

