

GENERAL KNOWLEDGE JUMBO CROSSWORD 424

1		2		3		4			5	6		7		8		9		10		11
12								13				14								
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43										44										
45													46							

GENERAL KNOWLEDGE JUMBO CROSSWORD 424

Across

- 1 A shield-shaped insect emitting a pungent spray (5,3)
- 5 The Peter Principle states that people within a hierarchy will rise to a level of their own ___ (12)
- 12 As the BBC's Europe correspondent, Damian ___ reported on post-Brexit issues (11)
- 14 The legendary long-standing status of Atlantis (9)
- 15 The increase in drag as a plane approaches 770 mph (5,7)
- 16 Rule stating that a planet's orbit around a star is roughly twice as long as the next nearest planet's orbit (5,3)
- 17 In computing, supplementary browser components (3-3)
- 18 What the first two letters of the acronym Asbo stand for (10)
- 22 Trojan leader and protagonist of a Virgil epic (6)
- 23 Latin term meaning "before birth" (2,5)
- 24 Celestial body classified in the Morgan-Keenan system (4)
- 28 Subject written about by Discipline writer Alain De Botton (10)
- 29 US president who "could not walk and chew gum at the same time" in a sanitised Lyndon B Johnson quote (6,4)
- 30 "___ man kills the thing he loves" (Oscar Wilde) (4)
- 31 The nearest city to Europe in any African country (7)
- 33 Forename shared by a world chess champion and a presenter of the quiz show Mastermind (6)
- 36 Singer who had a 1986 No 1 hit with When the Going Gets Tough, the Tough Get Going (5,5)
- 37 African state once led by a self-proclaimed king of Scotland (6)
- 40 Log-growing mushroom (pictured) often used in oriental cuisine (8)
- 41 "He can have the stuff in the saucepan before you can say ___" (Basil Fawlty in Gourmet Night) (5,7)
- 43 Country in which Tikal National Park is located (9)
- 44 Former Birmingham City managing director who found television fame as an aide on the BBC's The Apprentice (6,5)
- 45 Britons Farrell and Niall Treacy compete in this sport (12)
- 46 Petula Clarke's signature song (8)

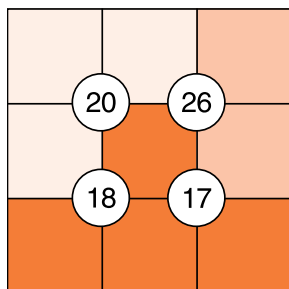


Down

- 1 In a poem, Byron called Cromwell "the ___ of usurpers" (6)
- 2 Mythical figure who drowned in the Aegean during an attempt to escape a labyrinthine prison on Crete (6)
- 3 Cannibalistic Indonesian reptile, largest of the lizards (6,6)
- 4 English band fronted by a co-organizer of Band Aid (8)
- 6 1922 film in which Max Schreck played Count Orlok (9)
- 7 River that is joined by the Foss in York (4)
- 8 Drug baron who gave himself up after his government had banned extradition of Colombians to the US in 1991 (5,7)
- 9 1996 Alex Garland novel featuring Daffy and Bugs (3,5)
- 10 Actor who played Sir Humphrey in Yes, Minister (5,9)
- 11 "With this ring I thee wed, [...] and with all my worldly goods I thee ___" (Book of Common Prayer wedding service) (5)
- 13 The only founding member of the Pretenders who is still in the band (8,5)
- 19 1978 war film which won Michael Cimino a Best Director Oscar (3,4,6)
- 20 ITV's alternative to Blue Peter, which ran from 1968 to 1980 (6)
- 21 "No cause, however just, can warrant the ___ slaughter that is going on" (Mahatma Gandhi, in To Every Briton (1940)) (14)
- 25 Vegetable with a variety called French Breakfast (6)
- 26 DA Pennebaker documentary which follows Bob Dylan's 1965 tour of England (4,4,4)
- 27 Decline and Fall of the Roman Empire author (6,6)
- 32 Scottish author (pictured) who created Inspector Rebus (3,6)
- 34 Type of Pacific food fish or type of screwdriver (8)
- 35 Hard cheese from the same region of Spain as Don Quixote (9)
- 38 Old name for an emperor of Japan (6)
- 39 Nationality of 800m runner world record holder David Rudisha (6)
- 40 Thales of Miletus and Solon of Athens were two of Ancient Greece's Seven ___ (5)
- 42 Unit of power equal to 1 joule per second (4)

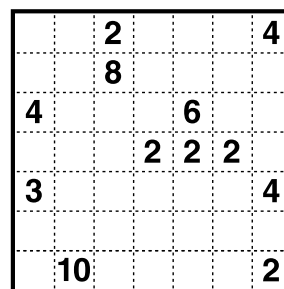


SUKO



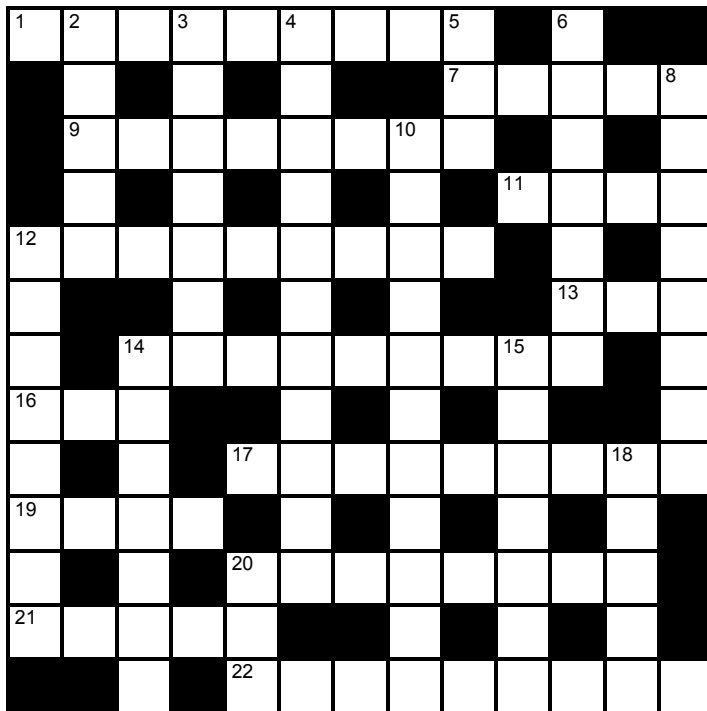
Place the numbers 1 to 9 in the spaces so that the number in each circle is equal to the sum of the four surrounding spaces, and each colour total is correct.

CELL BLOCKS



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 1888



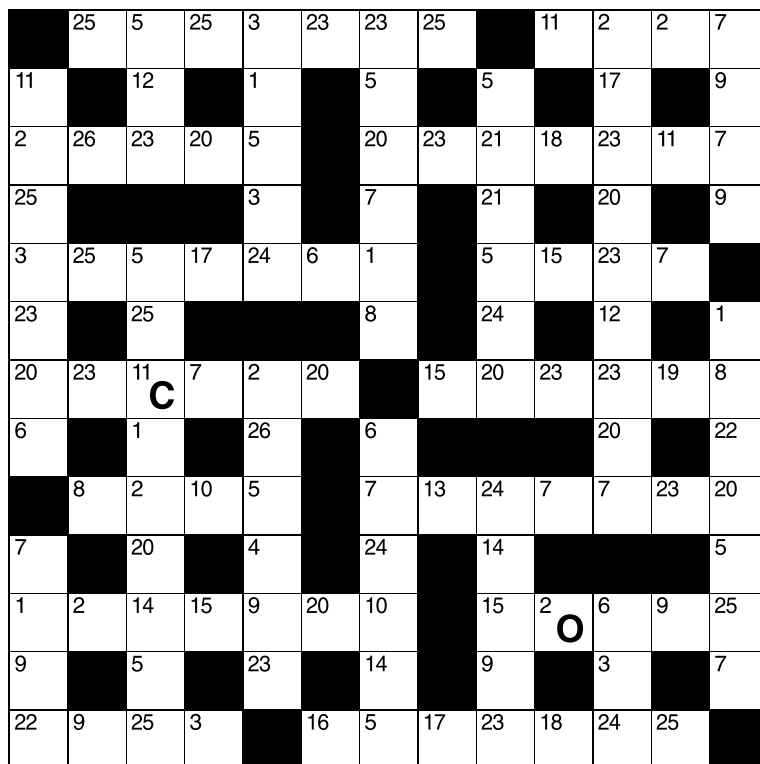
Across

- 1 Brownie eg (3,6)
- 7 Vice (5)
- 9 "Bye for now" in France (1,7)
- 11 Covetousness (4)
- 12 Spread (9)
- 13 Snow runner (3)
- 14 Medusa (9)
- 16 Grape, in botany (3)
- 17 Octet (9)
- 19 Farce (4)
- 20 Bully (8)
- 21 Hard stuff (5)
- 22 Make clear (9)

Down

- 2 Live (2,3)
- 3 Incapacitate (7)
- 4 Old hot-air balloon (11)
- 5 Deed (3)
- 6 Glossy coat (7)
- 8 Body shape (8)
- 10 Remote (3-2-3-3)
- 12 Scam (3-2,3)
- 14 Top prize (7)
- 15 Dubious (7)
- 18 Central theme (5)
- 20 Garden plot (3)

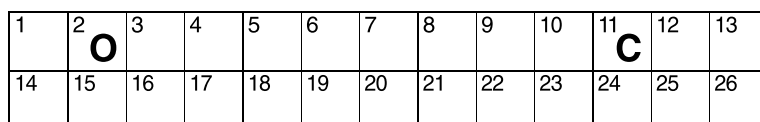
CODEWORD



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.

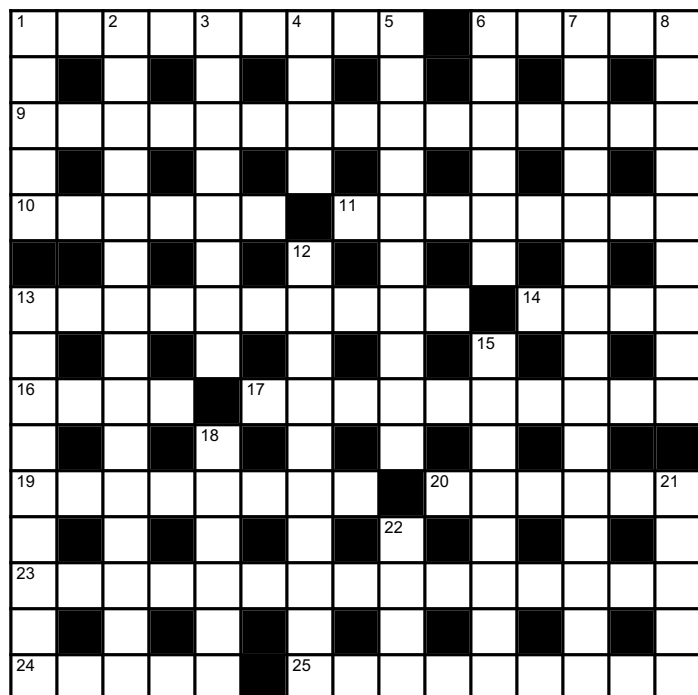
STUCK? To get four random extra letter clues, call 0901 293 6266 (ROI 1514 415128) or text STCLUE to 64343 (UK only). Calls cost £1 (ROI 75c) plus your telephone company's network access charge. Texts cost £1 plus your standard network charge. SP: Spoke, 0333 202 3390 (ROI 0818 205 403) (Mon-Fri 9am-5.30pm).

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



CROSSWORD 5113

Robert Price



NAME

ADDRESS

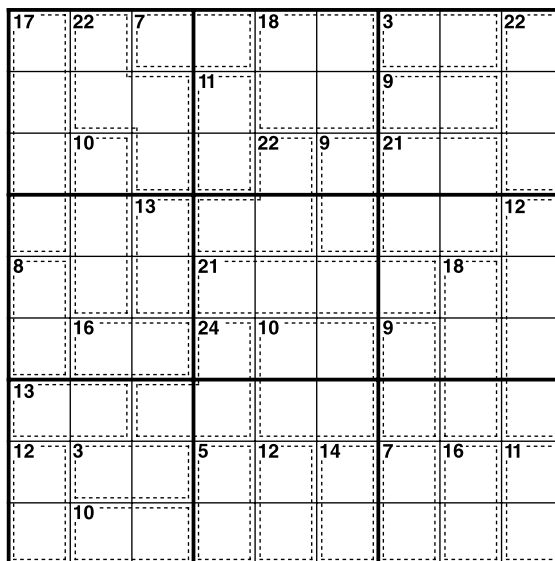
Across

- 1 Best access to the penthouse? (3-6)
- 6 Game suddenly moves quickly (5)
- 9 God wearing two sorts of animal pelt (4,4,3,4)
- 10 Being ancient it yields hoards (6)
- 11 Strip of hot jerky mum's brother eats (8)
- 13 Teacher's slimy speech about church backing ladies? (10)
- 14 Surrounded by a thousand in support (4)
- 16 One not dressed for digging? (4)
- 17 Taxing period from a scary life at sea (6,4)
- 19 City businessmen carrying women's cases (8)
- 20 Mission taking soldiers back to African capital (6)
- 23 Spine of clever album torn unfortunately (9,6)
- 24 Technology that can track both ways (5)
- 25 Block a play in part of Syria's capital (9)

Down

- 1 English flag is placed on Scottish island (5)
- 2 Celebrate Luton? Put a rosy gloss on it (5,3,4,3)
- 3 Place where "posh" has replaced a mode of speech (8)
- 4 Sacks of grit (4)
- 5 Disaster as artist in new trick messed up (5,5)
- 6 Topping of dark rum on the Parisian's piece of cake (6)
- 7 Jumper, sensible to trap moderate warmth inside (4,11)
- 8 American poet has penned something to hold up (9)
- 12 Without beer regularly, teams end resentful (10)
- 13 Ultimately this medication left unexpected consequences (9)
- 15 Beautiful rug, so oil damaged (8)
- 18 Filmmaker's arrogance casting the lead (6)
- 21 Poet new in 1265? (5)
- 22 Fruit roly-poly has 1p off (4)

KILLER SUDOKU EASY



Each row, column and 3x3 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 first correct solution opened after next Saturday wins a collection of reference books — The Times Reference Atlas of the World, Collins English Dictionary & Thesaurus, and Bradford's Crossword Solver's Dictionary, published by HarperCollins. Three runners-up win the Collins English Dictionary & Thesaurus. Post solutions to: The Sunday Times Crossword 5113, PO Box 29, Colchester, Essex, CO2 8GZ, or email: puzzle.entries@sunday-times.co.uk. Open to 18+ UK & ROI residents only.



MEPHISTO 3326

Paul McKenna

1		2	3	4		5	6	7		8	9
10											
	11				12						
13							14				
15					16			17			
18				19					20		
21			22	23							24
25					26			27			
28						29	30				
31											
		32									
33						34					

NAME

ADDRESS

.....

Post your solution to The Sunday Times Mephisto 3326, 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 Paul McKenna at paul.auctor@gmail.com



Across

- 1 Eg, fifties child's great success: colonist in receipt of top award (6)
- 5 Enterprise, say, in plot assisted those who wait (6)
- 10 Nostalgic nipper trashed fey guy and goon (10, two words)
- 12 Achieve look after line in advert (7, two words)
- 13 Touching moniker going about for solo operator (6)
- 14 Unknown female before being dated in company (5)
- 15 Of a case being on form (7)
- 17 I start to recover assigned to stern (4)
- 18 Dull dote on dominoes (8)
- 23 You must reconsider a trade-in as plan B (8)
- 25 Fish about for a plan (4)
- 26 Marker mysteriously left big house (7, two words)
- 28 Belief in God is within Democrat (5)
- 29 Magistrates from Rome with former convictions (6)
- 31 Neck seen in this outrageously reversed result (7)
- 32 Skilfully handle kayak, say, with it? (10)
- 33 Waste leave and you'll get what's due (6)
- 34 Mostly intend whopper to be somewhat white (6)

Down

- 1 Bar outside your private space used once by Prince of Wales (6)
- 2 For French female Open University is in public eye at last (7)
- 3 Much seen image about narcissist's prime capacity for recall (5)
- 4 Costard's blunder, for example, over parent (4)
- 5 Macron's sulking – heartlessly erratic one close to strife (8)
- 6 Stranglers neatly avoiding first two pieces to be played? (7, two words)
- 7 Small fairy that is Snap (6)
- 8 Face ferry often being out of order (10)
- 9 Wicked close to contest (6)
- 11 Shine in engineering and science (10)
- 16 Excessively tense about job and lecturer, discretely (8, three words)
- 19 Democrat, comparatively droll American rep (7)
- 20 Set a limit on said strong baccy (7)
- 21 Thrice daily perhaps, roadside danger is cleared away (6)
- 22 This was used for loft in French house – price runs away (6)
- 24 Being chopped like leaves of gladioli, say (6)
- 27 Article, it turned up on Queen Anne's head? (5)
- 30 Resistance whizz's stock career (4)

CLUE WRITING CONTEST 2022: METACARPUS

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 2019: Martin Jones, Drumuillie, Inverness-shire
Jigamaree: Jack and ace I'm eager to play, making trick

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

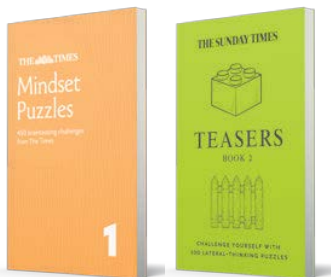
SUDOKU

Each row, column and 3x3 box must contain digits 1-9. Winner receives The Times Mindset Puzzles Book 1 and The Sunday Times Teasers Book 2.

WARM-UP

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

To enter, complete the Very Hard puzzle and call 0901 292 5275 (UK only) (ROI 1516 303 500), 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.

VERY HARD — PRIZE 1589

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

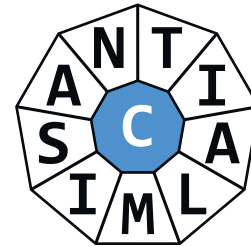
TETONOR MODERATE

48	34	104	21
27	72	22	189
162	19	133	26
17	176	30	66

	4	6	7		8		9	11			18	19		
--	---	---	---	--	---	--	---	----	--	--	----	----	--	--

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 4×6 , 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

18 words, average; 24, good; 34, very good; 44, excellent.

KENKEN

1-		10×			12+
12+		2÷			
2÷		80×			6+
	3-				
3-	2÷		5-		15+
	5-				

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 3218

Stephen Hogg

Algorithm AI

On his 35th birthday, maths teacher AI's three younger half-sisters bought him "The Book of Numbers for Nerds" as a tease. It showed how to

find right-angle triangles with whole-number sides using any two unequal odd square numbers. You take half their sum; half their difference; and the square root of their product to get the three sides. Any multiple of such a triplet would also work. He told his sisters this and that their ages

were the sides of such a triangle. "Algorithm AI!" they yelled.

Knowing the age of any one sister would not allow you to work out the other ages with certainty, but in one case you could be sure of her place chronologically (youngest, middle or oldest).

Give the three sisters' ages (youngest to oldest).

Send your solution to: The Sunday Times Teaser 3218, 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.

LAST WEEK'S SOLUTIONS

SUDOKU WARM-UP

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

CODEWORD

H	U	S	T	I	N	G	S	A	G	O	G
U	Q	B	U	W	U	E					
M	A	U	V	E	F	R	E	S	I	A	
U	A	X	F	E	T	R					
S	U	L	K	B	A	C	K	C	O	M	B
O	E	W	D								
T	H	R	O	N	G	B	A	N	J	A	X
W											
I	M	P	E	R	I	A	L	S	C	U	T
D	A	A	T	E	U	R					
D	E	R	A	N	G	E	P	I	Z	Z	A
L	K	T	A	I	Z	I					
Y	E	A	R	J	U	N	C	T	I	O	N

GENERAL KNOWLEDGE JUMBO CROSSWORD 423

Across: 1 Two Tribes, 6 Voice of doom, 12 Evening primrose, 13 Naiad, 14 Obtuse, 15 Ensign, 16 Trident, 18 Importunate, 19 Vancouver, 21 Seiji, 23 Dame Nellie Melba, 25 Rising Damp, 27 Noble House, 30 Passenger pigeon, 33 Lie-in, 34 Rin Tin Tin, 36 Patsy Cline, 38 Sallier, 40 Shrimp, 41 Ansari, 43 Namco, 44 Sir John Falstaff, 45 Sunday Times, 46 Ted Crilly
Down: 1 The Comic Strip Presents, 2 One-step, 3 Reinsertion, 4 Big g, 5 Strong-arm, 6 Vampire ant, 7 Ivor Novello, 8 Everton, 9 Fungiform, 10 Ogive, 11 Mediterranean fruit fly, 17 Guide dog, 20 Vulture, 22 It's a Sin, 24 Illinois, 26 Mare Nostrum, 28 Half-Windsor, 29 Jim Parsons, 31 Emile Zola, 32 Estaminet, 35 Twinset, 37 Bradawl, 39 Lumen, 42 Baud

MEPHISTO 3325

Across: 1 Oolakan, 6 Gusto, 10 Loan, 11 Alley-oop, 12 Dziggetai, 15 Hied, 16 Athrob, 17 Hostry, 18 Hydrangea, 20 Triaconter, 24 Past it, 25 Samfoo, 26 Phoh, 29 Sergeants, 30 Snip-snap, 31 Rine, 32 Stays, 33 Griller
Down: 1 Old salt, 2 Laik, 3 Angary, 4 Kago, 5 Alembroth, 6 Geason, 7 Sopite, 8 Tolerator, 9 Op-ed, 13 Attrahent, 14 Phansigar, 19 Smouser, 21 Isodia, 22 Citess, 23 Emparl, 26 Puss, 27 Kepi, 28 Anil

CROSSWORD 5112

Across: 1 Hombre, 4 Ring road, 10 Backseat drivers, 11 Thomas Nast, 12 Boat, 14 Theoriser, 16 Ate up, 17 Bison, 18 Unmerited, 20 Rays, 21 Foundation, 24 Unsophisticated, 25 Hastened, 26 Hybrid
Down: 1 Habitat, 2 Macho, 3 Restaurant, 5 Indiscriminate, 6 Grip, 7 One moment, 8 Desktop, 9 Magnesium oxide, 13 Matriarchy, 15 Essayists, 17 Borough, 19 Denuded, 22 Inter, 23 Ape

CONCISE CROSSWORD 1887

Across: 1 Provisions, 6 Rota, 7 Widespread, 9 Fling, 11 Rusty, 13 Get wind of, 14 Fiduciary, 16 Sacra, 17 Amend, 19 Frequently, 20 Taxa, 21 Portsmouth
Down: 1 Pawn, 2 Viewed, 3 Superficial, 4 Open sesame, 5 Sad, 6 Refugees, 8 Ignis fatuus, 10 In the clear, 12 Yr Wyddfa, 15 Drongo, 18 Myth, 19 Fop

SUDOKU 1588

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

KENKEN

30x	9+	15+	48x			
5	2	1	6	3	4	
2	11+	5	6	3	4	1
3	4	2	5	1	6	
1	6	4	2	5	3	
4	3	5	1	6	2	
6	1	3	4	2	5	

TEASER 3217

322/36524; less

TODAY'S SOLUTIONS

SUKO

4	8	5
20	26	
2	6	7
18	17	
9	1	3

CELL BLOCKS

	2		4
	8		
4		6	
		2	2
3			4
10			2

POLYGON

açai, actin, actinism, antic, caiman, calamint, calm, camas, cami, canal, cant, cantal, cast, cist, claim, claimant, clam, clamant, clan, clast, clint, ictal, iliac, italic, lactam, laic, laicism, licit, linac, maniac, manic, mantic, mastic, mica, nastic, salicin, satanic, scam, scan, scant, scat, silica, talc, talismanic

KILLER SUDOKU

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

TETONOR

260	33	110	68
26 x 10	25 + 8	108 + 2	1 x 68
44	200	84	123
3 + 41	8 x 25	28 x 3	3 x 41
240	69	164	45
2 x 120	1 + 68	4 x 41	4 + 41
31	122	36	216
28 + 3	120 + 2	10 + 26	2 x 108

Winners Crossword 5110 K Craig, Leeds, West Yorkshire, P Campbell, Norwich, Norfolk, M Gourlay, Sevenoaks, Kent, AR Whitehead, Bramhall, Greater Manchester Mephisto 3323 D Milsom, Frithelstock, Devon, J Dunn, London SW12, A Evans, Winchester, Hampshire, A Peevers, Manchester, S Underwood, Blackpool, Lancashire Teaser 3215 SL Murray, Brighton, East Sussex, A Smith, Catsfield, East Sussex Chess 1426 D Stark, Dundee Sudoku 1586 A Couchman, Swanwick, Derbyshire

FEEDBACK

Comments about our puzzles can be sent to puzzle.feedback@sunday-times.co.uk or Puzzles Editor, The Sunday Times, 1 London Bridge Street, London SE1 9GF