## GENERAL KNOWLEDGE JUMBO CROSSWORD 420

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|  |  | ${ }^{5}$ | ${ }^{2}$ | $\underline{\square}$ |  |  |
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## GENERAL KNOWLEDGE JUMBO CROSSWORD 420

## Across

1 The capital of Mali (6)
4 Italian eau de vie made from winepress residue (6)
8 The $\qquad$ Palace in Istanbul was once the administrative centre of the Ottoman Empire (7)
13 Stephen King novel about a 1958 Plymouth Fury (9)
14 Illusion in art, often falsely suggesting three dimensions $(6,5)$ (example pictured)
15 Italian for "joke"; a possible movement in a symphony (7)
16 Singer who wrote the Kenny Rogers hit single Lady $(6,6)$
18 __starred as the mermaid Madison in Splash $(1984)(5,6)$
19 Is of striking or stylish appearance $(4,1,4)$
21 Rutger Hauer's character in Blade Runner $(3,5)$
23 Actor who appeared in The Italian Job (2003) and starred in The Bank Job (2008) $(5,7)$
26 Old name for tiny aquatic organisms, derived from the way they were obtained by early microscopists (9)
27 Mythical Mycenaean king who led the Greeks in the Trojan War (9)
29 Raptors with subspecies including Iberian, Siberian and North American $(6,6)$
30 The solar system's largest satellite (8)
32 Lubricated sharpeners for metal tools (9)
34 Of a narrative, starting after the beginning of the plot (Latin) $(2,6,3)$
36 One of Bach's best-known choral works, completed about a year before his death (4,2,1,5)
38100 sen in Malaysia (7)
41 A battleship's aft-firing cannon or gun (5-6)
42 Doctor $\qquad$ is the main antagonist of the Crash Bandicoot video games $(3,6)$
43 A marginal annotation (7)
44 Spirits of nature in Greek mythology (6)
45 "Governments do not make $\qquad$ but __ make governments. This is both historically and logically true." (Calvin Coolidge) (6)


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 1884


CODEWORD

Across
1 Golden (5)
4 Delicious (7)
8 Top boss (7)
9 Vicious (5)
10 Farrier's job (12)
13 Marks as correct (5)
14 Vow (5)
16 Favourable (4-8)
18 Epitome (5)
19 Mollify (7)
21 Insect named for its sound (7)
22 Centre (5)

ABCDEFGH\|JKLMN\&PQR\&TUVWXYZ

| 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 |


charge. SP: Spoke,
03332023390
(ROI 0818205403 )
(Mon-Fri 9am-
$5.30 \mathrm{pm})$.

## Down

1 Lover of beauty (8)
2 Thawing of relations (13)
3 Signal (3)
4 Mollify (6)
5 Second, third etc (7-2)
6 Take the wrong way (13)
7 Vacillate (2-2)
11 Impressible (6,3)
12 Slope (8)
15 Old mask (6)
17 Connection (4)
20 Tally (3)

CROSSWORD 5109


NAME
ADDRESS $\qquad$

## Across

1 One lies but fails to be devious (8)
5 God thus rejected goddess (6)
9 Unit applied to horse measurement (5)
10 Leader's hideout, old and current, in retreat (9)
12 Business welcomed few visitors (7,7)
14 Roasting meat, taking a bite (10)
15 Reportedly modest god (4)
18 Comic actor welcomed by David Letterman (4)
19 Potty lid or shape that's nearly round (10)
21 Form master at Windsor, perhaps? $(4,10)$
24 Plot to bring down most of factory $(5,4)$
25 Without light, I'm reflected (5)
26 Comedy routine's quiet moment (6)
27 They fear flickering light (8)

## Down

1 He barks loud words at wedding (4)
2 Psalm a bit absurd at christening (9)
3 Being posh, did I get pulses raised? (3-2-3)
4 Banal sort of operatic style (13)
6 Passionate maiden in fiction (6)
7 Author discussed serving in India (5)
8 Ass stunned goat $(5,5)$
11 Material? This is not so (13)
13 They may claim flavourless scraps (10)
16 Rule 1 when opening arms (9)
17 Cheat to provoke scorn (8)
20 Supply of bolts for construction (6)
22 Sleep, as sailor in bunk (5)
23 Grey area likely to shrink (4)

KILLER SUDOKU HARD

| 25 |  |  |  | ${ }^{-\cdots \cdots}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 20- |  | (21 |  |  |  |
|  |  |  |  | : |  | 18 |  |
|  |  |  |  | $16$ | $26^{\cdots 7}$ |  |  |
|  |  |  |  | $9^{-\cdots \cdots}$ |  | $23^{\cdots}$ |  |
| $15 \cdots$ |  |  |  |  |  |  |  |
|  | $20^{*}$ |  | 23 | 0 |  |  |  |
| 13 |  |  |  | 10 |  |  |  |
|  |  |  |  | (16 |  |  | . |

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.


MEPHISTO 3322

| 1 | 2 |  | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  | 10 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | 11 |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  | 13 |  |
| 14 |  |  |  |  |  | 15 |  |  |  |  |  |
| 16 |  |  |  |  | 17 | 18 |  |  |  |  |  |
| 22 |  |  |  |  |  |  |  | 23 |  |  | 24 |
| 25 |  |  | 26 |  |  |  |  | 27 |  |  |  |
| 28 |  |  |  | 29 |  |  | 30 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 21 |  |

NAME
ADDRESS $\qquad$

Post your solution to The Sunday Times Mephisto 3322, 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 Charlie's academic wedge (6)
6 Top stop working on the back of incomplete pretext (6)
11 King where humour supplants second to last wife's harassment? (10)
12 In money and over being engulfed by worriment (7)
14 Perhaps centurion's life admitted small prospect (5)
15 Fish in local river filling time of day for some (6, two words)
16 With first couple dismissed wind up the batter's irritability (4)
17 Welcoming gift of flowers close to safe space (7)
20 Mob speaker's failure to contain upper-class hunt shifting (8)
22 Against English in metropolis displaying vanity of some (8)
25 Alternatively it's read "en cavalier" (7)
27 Indeed archaic term for Virgin Mother (4)
28 Choice cut from kid with attention (6)
30 Chairman getting stopped by, well, boring Yank (5)
31 Robust ethics reset bearing synod's focus (7)
32 Inquisitive about short leave being stacked? (10)
33 Psychological difficulty? Finish what's to be put on (6)
34 Safe bet where chaps will stand for right union (6)

## Down

1 What's done about alternative vote being broken for Scots (6)
2 Sir's mood is sadly the cause of a stink (10)
3 Silk departs being moved along Crinan Canal, say (6)
4 English are about close to defeated so prepare for attack (7, two words)
5 You must treat oily dips like a character of Greeks (8)
7 How Scots show regret over European line to be toed (4)
8 Vegetables? Good with fish served up (5)
9 Lunch before game in Grenoble filling new-found need (7)
10 Ottoman province is indeed looking up with grant (6)
13 See intention by a decoy lifting name of St Albans (10)
18 Most easily melted sleuth in the grip of wanton cutie (8)
19 About New Testament sentence one wings it (7)
21 Pump up, Jeez, boring grammar school weed (7, two words)
22 Bearers of fruit formed by cold air round Cape (6)
23 Somehow my clue shows where peripatetics ponder (6)
24 Who's against charging old tax for tracked vehicle? (6)
26 Retired steward on the night before an event (5)
29 Eastern bread - you must bin old one (4)

## CLUE WRITING CONTEST 2018: INGOT

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 2015: Terry Neale, Orton, Cumbria
Fuchsia: Such a fib almost scuppered Bush
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.

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.

WARM-UP


## VERY HARD — PRIZE 1585

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

STUCK? Call our clue line to get four clues for the Very Hard puzzle on 09012936265 (ROI 1514515 120).
Calls cost $£ 1$ (ROI 76c) plus your telephone company's network access charge.
For full terms and conditions, visit thesundaytimes.co.uk/comprules. SP: Spoke, 03332023390 (Mon-Fri 9am-5.30pm)

TETONOR EASY

| 150 | 20 | 102 | 53 |
| :---: | :---: | :---: | :---: |
| $\square$ | $\square$ | $\square$ | $\square$ |
| $\square$ | 152 | 29 | 126 |
| 136 | 25 | 154 | 27 |
| $\square$ | $\square$ | $\square$ | $\square$ |
| 78 | 100 | 25 | 180 |
| $\square$ | $\square$ |  | $\square$ |


| 2 | 2 |  | 8 | 9 |  | 10 | 10 |  | 14 |  | 15 | 17 |  |  | 76 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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
19 words, average; 26, good; 34 , very good; 42, excellent.

## KENKEN



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 3214 

## Peter Good <br> Squaring the Square

Clark took a sheet of A4 paper ( $8.27 \times 11.69$ inches) and cut out a large square with
dimensions a whole number of inches. He cut this into an odd number of smaller squares, each with dimensions a whole number of inches. These were of several different sizes and there was a different number of squares of each size; in
fact, the number of different sizes was the largest possible, given the above.
It turns out that there is more than one way that the above dissection can be made, but Clark chose the method that gave the smallest number of smaller squares.

How many smaller squares were there?

Send your solution to: The Sunday Times Teaser 3214, 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

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

SUDOKU 1584

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

KILLER SUDOKU

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



KENKEN


TETONOR

|  | 32 | 18 | 190 |
| :---: | :---: | :---: | :---: |
| $2+113$ | $16 \times 12$ | 16\|+12 | 5 |
| 40 | 266 | 24 | 80 |
| $71+13$ | 131 $\times$ | $201+1$ | $4 \times$ |
| 30 | 25 | 16 | 43 |
| 1]+129 | 13]+11 | $24 \times 1$ | $51+$ |
| 33 | 231 | 29 | 156 |

GENERAL KNOWLEDGE JUMBO CROSSWORD 419
Across: 1 Demit, 4 Bessarabia, 9 Ambo, 13 Banded krait, 14 Bratwurst, 15 Inearth, 16 Tapir, 17 Dingbat, 18 Little Lord Fauntleroy, 20 Kenneth, 21 III-uses, 23 Wayne, 25 Tootsie Pop, 27 Unknowable, 29 Yucca, 31 Goodbye, 33 Emerald, 34 The Last of the Mohicans, 37 AS Byatt, 38 Samos, 40 Platoon, 41 Cyclotron, 42 Aboriginals, 43 Edam, 44 Kentish rag, 45 Taste Down: 1 Dublin, 2 Monte Bianco, 3 The Brothers Karamazov, 4 Baksheesh, 5 SCART, 6 Antipodal, 7 Alberta, 8 Isak Dinesen, 10 Mary Berry, 11 Outstay, 12 Swing Low Sweet Chariot, 19 Orinoco, 20 Kitty, 22 Sunbeam, 24 Emend, 26 Eighty-three, 28 Brain corals, 30 Chewbacca, 32 Bahamians, 33 E-shopping, 34 Tranche, 35 Fastnet, $\mathbf{3 6}$ In esse, 39 Stour

## MEPHISTO 3321

Across: 4 Accipiter, 10 Overtone, 11 Dosh, 12 Santalin, 13 Etch, 14 Plaid, 15 Fantod, 17 Etaerio 21 Epeiras, 23 Lambada, 26 Asperse, 27 Regest, 28 Caman, 31 Pree, 32 Abuttals, 33 Ossa 34 Grisette, 35 Petrolled Down: 1 Gospeller, 2 Aval, 3 Sena, 4 Artier, 5 Collied, 6 Penates, 7 Ident, 8 Totterer, 9 Escolars, 16 Dispenser, 18 Traverse, 19 Almagest, 20 Sapsago, 22 Pasquil, 24 Heated, 25 Leear, 29 Maty, 30 Alts

## CROSSWORD 5108

Across: 1 Garb, 4 Underwater, 9 Praying mantis, 10 Velcro, 11 Titicaca, 12 Customer, 14 Cretan, 15 Fairly, 17 Category, 19 Obstacle, 21 Anorak, 23 Toreador pants, 24 Prospector, 25 Song Down: 2 Apple, 3 Bearcat, 4 Uniformly, 5 Dog Star, 6 Roast, 7 Article, 8 Easy chair, 13 Ulan Bator, 14 Catnapper, 16 Retires, 17 Cheroot, 18 Grounds, 20 Crane, 22 Arson

## CONCISE CROSSWORD 1883

Across: 1 Defrayal, 7 Adieu, 8 Disavow, 10 Graffiti,
11 Cyclist, 12 Lemma, 14 Gouda, 17 Defunct,
19 Tomahawk, 21 Nippers, 22 Token, 23 Six-sided Down: 1 Dainty, 2 Frazzled, 3 Agog, 4 Lawful, 5 Miriam,
6 Jubilant, 9 Write down, 11 Cogitate, 13 Equipped,
15 Unmake, 16 Athens, 18 Caprid, 20 Kiss
$5,11,13,7,19$

## TODAY'S SOLUTIONS



POLYGON
accept, acceptable, alap, apace, baap, beep, bleep, capable, cape, caplet, clap, epact, leap, paca, pace, pact, palace, palate, pale, palea, pate, peace, peal, peat, peccable, peel, pele, pelt, pelta, petal, placate, place, placet, plat, plate, plea, pleat, pleb, plebe, tapa, tape, tepal

Winners Crossword 5106 R Higson, Rugby, Warwickshire, J Bowdler, Abingdon, Oxfordshire, S Forster, Ely, Cambridgeshire, E Samways, Seaton, Devon Mephisto 3319 J Kingdon, Knaresborough, North Yorkshire, P Mabey, Chandler's Ford, Hampshire, R Moore, Liss, Hampshire, M Threasher, Winscombe, Somerset, P Whitehead, Nailsworth, Gloucestershire Teaser 3211 N Jones, Gillingham, Dorset, J Martis, Hamilton, Lanarkshire Chess 1422 K Lack, Bignor, West Sussex Sudoku 1582 D Toogood, London SW8

