Puzzle sheet

1 Sudoku

Medium ■■□

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

Fill every empty square so that each row, each column and each 3×3 box holds the digits 1 to 9 once.

2 Word search: Desserts

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

- ☐ **CAKE**
- ☐ **CANDY**
- ☐ **CHOCOLATE**
- ☐ **COOKIE**
- ☐ **CUSTARD**
- ☐ **FUDGE**
- ☐ **SUGAR**
- ☐ **SYRUP**
- ☐ **TART**

Find the nine words. They run across, down and diagonally, always forwards.

3 Mini mystery

CASE FILE

The Sketch on the Bench

Jada, Gabe and Vera visited the town museum together. Each spent most of the visit in a different room and carried one thing.

1. Whoever was in the fossil hall had the umbrella.
2. Jada was not in the café.
3. Vera did not have the camera.
4. Jada had the sketchbook.

A lovely sketch of a fossil was left on a bench in the clock room, beside the sketchbook. **Who was in the clock room with the sketchbook?**

	Fossil hall	Clock room	Café	Sketchbook	Umbrella	Camera
Jada						
Gabe						
Vera						
Sketchbook						
Umbrella						
Camera						

Each person was in one place with one thing, all different. Mark a dot for yes and a cross for no in the grid until only one answer fits.

4 Quiz: five questions

1. **Which of these is the heaviest?**
   - (A) Human liver
   - (B) Ingenuity helicopter
   - (C) Pragyan rover
2. **Which of these came first?**
   - (A) Barometer
   - (B) Columbia University
   - (C) Mafra Basilica
   - (D) Gulliver's Travels
3. **What is the land area of Dominica, not counting lakes and rivers?**
   - (A) About 94 km²
   - (B) About 190 km²
   - (C) About 380 km²
   - (D) About 750 km²
4. **What is the capital of Algeria?**
   - (A) Tunis
   - (B) Rabat
   - (C) Algiers
   - (D) Khartoum
5. **Which of these countries has the most people?**
   - (A) Ghana
   - (B) Chad
   - (C) Nepal
   - (D) Philippines

Circle one letter for each. Answers and sources on page 2.

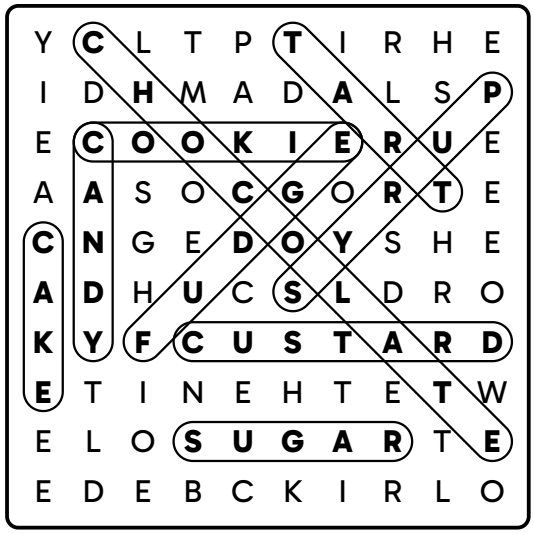
Answers

1 Sudoku

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

Bold digits were printed on the puzzle.

2 Word search: Desserts



Each word is ringed and set in bold.

3 Mini mystery

SOLVED

The Sketch on the Bench

	Fossil hall	Clock room	Café	Sketchbook	Umbrella	Camera
Jada	×	●	×	●	×	×
Gabe	×	×	●	×	×	●
Vera	●	×	×	×	●	×
Sketchbook	×	●	×			
Umbrella	●	×	×			
Camera	×	×	●			

Jada was in the clock room with the sketchbook.

Jada: clock room, sketchbook
Gabe: café, camera
Vera: fossil hall, umbrella

4 Quiz

1. **C** · Pragyan rover: 26 kg; Ingenuity helicopter: 1.8 kg; Human liver: 1.4 kg
   Size Duel. Sources: ncbi.nlm.nih.gov, science.nasa.gov, airandspace.si.edu, isro.gov.in, spaceflightnow.com
2. **A** · Barometer: 1643, invented; Gulliver's Travels: 1726, first published; Mafra Basilica: 1730, consecrated; Columbia University: 1754, founded (as King's College)
   Older Than. Sources: snl.no, lex.dk, wikidata.org, columbia.edu, pnmafra.gov.pt, whc.unesco.org, rotamemorialdoconvento.pt
3. **D** · 751 km²
   Ballpark. Sources: data.worldbank.org, wikidata.org, naturalearthdata.com
4. **C** · Algiers is the capital of Algeria.
   Atlas Play Capitals. Sources: wikidata.org, naturalearthdata.com
5. **D** · Philippines: 117 million people (2025); Ghana: 35.1 million people (2025); Nepal: 29.6 million people (2025); Chad: 21 million people (2025)
   Population Duel. Sources: wikidata.org, data.worldbank.org

Sudoku and word search made with the Puzzle Desk engines; quiz facts from Size Duel, Older Than, Population Duel, Further North?, Ballpark and Atlas Play, each checked against the sources listed. Mystery written and checked by our puzzle generator: exactly one answer.

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