1 · Sudoku

No. 8
Monday

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

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

2 • Word search: Breakfast

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

- ☐ **BACON**
- ☐ **COFFEE**
- ☐ **FRUIT**
- ☐ **HONEY**
- ☐ **MILK**
- ☐ **PORRIDGE**
- ☐ **TOAST**
- ☐ **WAFFLE**
- ☐ **YOGURT**

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

Answers on page 5

3 • Mini mystery

CASE FILE

The Missing Cue

Chloe, Amara and Ines were at the dress rehearsal of the school play. Each waited in a different place and held one prop.

1. Amara did not have the torch.
2. Amara was in the dressing room.
3. Chloe was not in the lighting box.
4. The paper fan was not in the lighting box.
5. Amara did not have the paper fan.

The curtain went up late because someone in the front row was busy with the paper fan and missed the cue. **Who was in the front row with the paper fan?**

	Lighting box	Dressing room	Front row	Top hat	Paper fan	Torch
Chloe						
Amara						
Ines						
Top hat						
Paper fan						
Torch						

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.

Answer on page 6

4 • Quiz: five questions

1. **Which of these is the longest?**
   - (A) Concorde
   - (B) Handball court
   - (C) International Space Station

2. **Which of these came first?**
   - (A) Nickel
   - (B) British Museum
   - (C) Trevi Fountain
   - (D) Flamsteed House (Greenwich)

3. **How long is a Space Shuttle external propellant tank?**
   - (A) About 23 m
   - (B) About 47 m
   - (C) About 94 m
   - (D) About 190 m

4. **What is the capital of Peru?**
   - (A) Bogotá
   - (B) Montevideo
   - (C) Asunción
   - (D) Lima

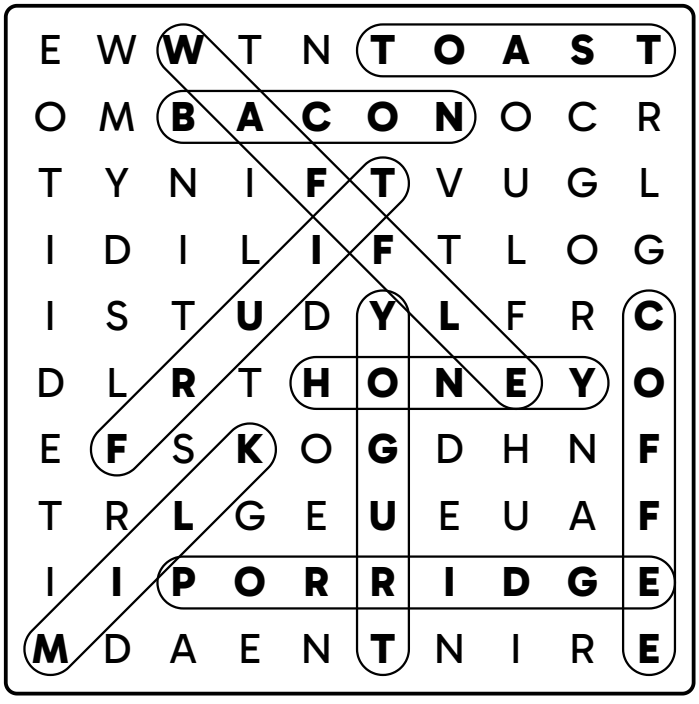
5. **Which of these cities is furthest north?**
   - (A) Honiara (Solomon Islands)
   - (B) La Paz (Bolivia)
   - (C) Santiago (Chile)
   - (D) Sucre (Bolivia)

Circle one letter for each. Answers and sources on page 6.

Answers: Sudoku and word search

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

Bold digits were printed on the puzzle.



Each word is ringed and set in bold.

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Answers: mystery and quiz

SOLVED

The Missing Cue

	Lighting box	Dressing room	Front row	Top hat	Paper fan	Torch
Chloe	×	×	●	×	●	×
Amara	×	●	×	●	×	×
Ines	●	×	×	×	×	●
Top hat	×	●	×			
Paper fan	×	×	●			
Torch	●	×	×			

Chloe was in the front row with the paper fan.

Chloe: front row, paper fan

Amara: dressing room, top hat

Ines: lighting box, torch

1. **C** · International Space Station: 109 m; Concorde: 61.7 m; Handball court: 40 m
   Size Duel. Sources: snl.no, enciklopedija.hr, wikidata.org, cits.wa.gov.au, dimensions.com, lex.dk, nasa.gov

2. **D** · Flamsteed House (Greenwich): 1676, completed; Nickel: 1751, discovered; British Museum: 1753, founded; Trevi Fountain: 1762, completed
   Older Than. Sources: periodic-table.rsc.org, nndc.bnl.gov, snl.no, lex.dk, treccani.it, enciklopedija.hr, sapere.it, wikidata.org, rmg.co.uk, historicengland.org.uk, physicstoday.aip.org

3. **B** · 46.9 m (to the nearest 0.1 m)
   Ballpark. Sources: jpl.nasa.gov, esa.int

4. **D** · Lima is the capital of Peru.
   Atlas Play Capitals. Sources: wikidata.org, naturalearthdata.com

5. **A** · Honiara (Solomon Islands): 9.4° S; La Paz (Bolivia): 16.5° S; Sucre (Bolivia): 19.0° S; Santiago (Chile): 33.4° S
   Further North?. Sources: wikidata.org, naturalearthdata.com

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