24-hour Clock

1a. Here is an information board at a station. It shows when trains leave.

Train A	05:45
Train B	20:00
Train C	12:15

Put the trains in order from earliest leaving to latest leaving in the day.

PS

2a. A shop was robbed some time after 10.15am. Detective Ivor Clue knows when some criminals left the shop.

Rob Erry	09:45
Justin Jale	14:00

Who should Detective Clue arrest? Explain your answer.

R

3a. Here are some different times.

A
21:55

B

C
Ten minutes before midday

Sort them into these categories:

Before noon	After noon	Can't tell

PS

24-hour Clock

1b. Here is an information board at a station. It shows when trains leave.

Train A	17:30
Train B	11:15
Train C	16:30

Put the trains in order from latest leaving to earliest leaving in the day.

PS

2b. A shop was robbed some time after 6.45pm. Detective Ivor Clue knows when some criminals left the shop.

Mo Formee	15:30
Nick Stuff	19:15

Who should Detective Clue arrest? Explain your answer.

R

3b. Here are some different times.

A
10:05

B

C
Twenty-five past six in the evening

Sort them into these categories:

Before noon	After noon	Can't tell

PS

24-hour Clock

4a. Here is an information board at a station. It shows when trains leave.

Train A	10:35
Train B	18:00
Train C	07:05
Train D	02:15
Train E	22:45

Put the trains in order from latest leaving to earliest leaving in the day.

PS

5a. A shop was robbed some time after 03:35pm. Detective Ivor Clue knows when some criminals left the shop.

Noah Fewtrix	9:35
Rob Banks	16:30
Eva Wayin	15:10
Misty Meena	11:05

Who should Detective Clue arrest? Explain your answer.

R

6a. Here are some different times.

A
00:10

B

C
Eight thirty-five at night

D
12:40

Sort them into these categories:

Before noon	After noon	Can't tell

PS

4b. Here is an information board at a station. It shows when trains leave.

Train A	01:30
Train B	19:20
Train C	06:10
Train D	04:55
Train E	20:50

Put the trains in order from earliest leaving to latest leaving in the day.

PS

5b. A shop was robbed some time after 01.40pm. Detective Ivor Clue knows when some criminals left the shop.

Art Forger	13:15
Nicole Ovit	10:45
Eli Zalot	13:50
Carrie Itov	12:35

Who should Detective Clue arrest? Explain your answer.

R

6b. Here are some different times.

A
22:50

B

C
Quarter past four in the morning

D
15:25

Sort them into these categories:

Before noon	After noon	Can't tell

PS

24-hour Clock

24-hour Clock

7a. Here is an information board at a station. It shows when trains leave.

Train A	03:19
Train B	15:32
Train C	05:43
Train D	20:56
Train E	21:07

Put the trains in order from earliest leaving to latest leaving in the day.

PS

7b. Here is an information board at a station. It shows when trains leave.

Train A	22:09
Train B	13:34
Train C	09:48
Train D	15:27
Train E	16:21

Put the trains in order from latest leaving to earliest leaving in the day.

PS

8a. A shop was robbed some time after 12:24pm. Detective Ivor Clue knows when some criminals left the shop.

Rob Ing	12:19
Anna Bitmore	09:36
Kat Burglar	13:01
Will Steal	12:26

Who should Detective Clue arrest? Explain your answer.

R

8b. A shop was robbed some time after 08.13pm. Detective Ivor Clue knows when some criminals left the shop.

Owen Money	20:21
Em Bezzle	08:43
Lars Senny	18:18
Phil Mybag	20:31

Who should Detective Clue arrest? Explain your answer.

R

9a. Here are some different times.

A — Eight minutes to five in the morning

B — 08:17

C — Five sixteen in the evening

E — (clock showing approximately 6:30)

D — 19:57

F — 17:22

Sort them into these categories:

Before noon	After noon	Can't tell

PS

9b. Here are some different times.

A — Six thirty-three at night

B — 18:14

C — Nineteen minutes past midday

E — (clock showing approximately 3:45)

D — 22:19

F — 11:56

Sort them into these categories:

Before noon	After noon	Can't tell

PS

Reasoning and Problem Solving
24-hour Clock

Developing
1a. Train A, Train C, Train B.
2a. Justin Jale, because the other criminal left the shop before 10.15am.
3a. Before noon: C. After noon: A. Can't tell: B.

Expected
4a. Train E, Train B, Train A, Train C, Train D.
5a. Rob Banks, because all the other criminals left the shop before 3.35pm.
6a. Before noon: A. After noon: C, D. Can't tell: B.

Greater Depth
7a. Train A, Train C, Train B, Train D, Train E.
8a. Kat Burglar and Will Steal, because all the other criminals left the shop before 12.24pm.
9a. Before noon: A, B. After noon: C, D, F. Can't tell: E.

Reasoning and Problem Solving
24-hour Clock

Developing
1b. Train A, Train C, Train B.
2b. Nick Stuff, because the other criminal left the shop before 6.45pm.
3b. Before noon: A. After noon: C. Can't tell: B.

Expected
4b. Train A, Train D, Train C, Train B, Train E.
5b. Eli Zalot, because all the other criminals left the shop before 1.40pm.
6b. Before noon: C. After noon: A, D. Can't tell: B.

Greater Depth
7b. Train A, Train E, Train D, Train B, Train C.
8b. Owen Money and Phil Mybag, because all the other criminals left the shop before 8.13pm.
9b. Before noon: F. After noon: A, B, C, D. Can't tell: E