St Olaves / Newstead
Homework 13 Answer Key

Comprehension

1. c. The narrator is disappointed but determined to try again in the next competition.
2. c. The vegetarian cousin was relieved to find a chili recipe that she could enjoy without meat.
3. b. The family takes competitions seriously and enjoys participating in them.
4. a. The family wants to continue the tradition of competitive events during reunions.
5. b. The winning chili recipe contained colorful beans.
6. d. The family prefers chili recipes with a variety of ingredients, including beans and vegetables.
7. b. The narrator was proud of her participation and enjoyed trying other chili recipes.
8. b. The family enjoyed a diverse array of chili recipes and had a pleasant time together.
9. b. Love for competitive and challenging cooking events.
10. c. The grandmother is a matriarchal figure who oversees the family's competitive events.

TIME PROBLEM SOLVING

Change 120 minutes to hours.

$$\frac{120}{60}$$

.... 2 .... hours

(Total for question 1 is 1 mark)

Change 4 hours to minutes.

4×60

.... 240 .... minutes

Work out the difference, in minutes, between 55 minutes and $1\frac{3}{4}$ hours.

1 hour 45 mins

$60 + 45 = 105$

$105 - 55$

................50................minutes

Work out the difference, in minutes, between 2 hour 25 minutes and $1\frac{1}{2}$ hours.

$2 \times 60 + 25$ 1 hour 30 mins

$120 + 25$ $60 + 30$

$= 145$ $= 90$

$145 - 90$ ....55................minutes

Hayley left her home at 10.40 am.   + 14 mins

She walked from her home to the shop.
It took her 14 minutes to walk to the shop.   10 54
) + 10 mins
Hayley was at the shop for 10 minutes.   11 04

Then Hayley walked from the shop to her friends house.   + 22 mins
It took Hayley 22 minutes to walk to her friends house.   11 26

What time did Hayley arrive at her friends house?

................11.26 am................

(Total for question 5 is 2 marks)

A film starts at 7.45 pm.
The film lasts 98 minutes.   60 mins + 38 mins

What time does the film finish?

7.45   8.45   9.00   9.23
      +60 mins   +15 mins   +23 mins
                                         9.23pm
................9.23pm................

Natalie drives from London to Sheffield.

Natalie leaves London at 9.15 am.

Natalie drives for $2\frac{1}{4}$ hours before stopping for a break. $\quad$ 11.30

2 hours 15 mins

The break lasts for 20 minutes. $\quad$ 11.50

Natalie then takes another 85 minutes to reach Sheffield. $\quad$ 12.50

1 hour 25 mins

What time does Natalie arrive in Sheffield?

13.15

_____ 13.15 _____

(Total for question 7 is 2 marks)

$[1.15pm]$

Here is part of a train timetable.

London St Pancras	0540	0618	0701	0755
Ebbsfleet	0558	-	-	0812
Ashford	0624	0655	-	-
Paris	0917	0947	1017	1117

(a) A train leaves London St Pancras at 0618, how many minutes should it take to reach Paris?

$0618 \rightarrow 0947$

$0618 \rightarrow 0918 \rightarrow 0947$

3 hours $\quad$ 29 mins

$180 + 29 = 209$

_____ 209 _____ minutes

(1)

(b) What is the difference, in minutes, between the time it takes for the 0540 train and the 0618 train from London St Pancras to reach Paris?

$0540 \rightarrow 0917$

$0540 \rightarrow 0840 \rightarrow 0917$

3 hours $\quad$ 37 mins

3 hours 37 - 3 hours 29

_____ 8 minutes

Georgie lives in Ashford. She has to get to a meeting in Paris for 1030.
(c) What is the time of the latest train she can get from Ashford?

0655

Verbal Reasoning

21. A
22. D
23. B
24. B
25. E
26. D
27. E
28. A
29. E
30. A

NVR

31. D
32. B
33. C
34. C
35. D
36. B
37. D
38. E
39. A
40. C