

4.1

Clock

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7 (a) Complete the following sentences by writing a sensible metric unit on each of the dotted lines.

(i) The length of a car is 3.4

(ii) The weight of a calculator is 30

(2)

(b) Bradley started a cycle race at 3 12 pm.

He finished the race 2 hours 55 minutes later.

(i) Write 3 12 pm as a time using the 24-hour clock.

.....
(1)

(ii) At what time did Bradley finish the race?

.....
(2)

6 Sabbir arrived at Dhaka train station at 9 30 pm.

(a) Write this time using the 24-hour clock.

(1)

A train left Dhaka train station at 10 30 pm one day.

The train arrived at Chittagong train station at 7 50 am the next day.

(b) Work out the time taken by this train.

Give your answer in hours and minutes.

hours

minutes

(2)

- 8 A train journey started at 17 50 and finished at 02 25 the next day.

How long did the train journey take?

Give your answer in hours and minutes.

hours

minutes

(Total for Question 8 is 2 marks)

9 Anjali travels from Beijing to Shanghai by train.

The train leaves Beijing at 0725

The train arrives in Shanghai at 1315 the same day.

Work out how long the train takes to travel from Beijing to Shanghai.

Give your answer in hours and minutes.

..... hours minutes

- 6 Diego left home on Tuesday at 07 50
He arrived home on the same Tuesday at 17 35

Work out the length of time that Diego was away from home on Tuesday.
Give your answer in hours and minutes.

..... hours minutes

(Total for Question 6 is 2 marks)

11 Akiko travelled from London to Tokyo by plane.

The plane left London at 18 40 on Friday.

The plane arrived in Tokyo the next day, at 06 25 London time.

How long did the flight take?

Give your answer in hours and minutes.

..... hours minutes

(Total for Question 11 is 2 marks)

7 Here are five times, in a single day, using the 24-hour clock.



(a) Write down the letter of the time nearest to 6 pm

.....
(1)

(b) Work out the difference, in hours and minutes, between time **A** and time **E**.

..... hours minutes
(2)

Ivan goes to the gym at 7 15 pm.

(e) Write this time using the 24-hour clock.

.....
(1)

Here is a clock face.



(c) Write down the time shown on the clock face.

.....
(1)

(d) Complete the following sentence by writing a suitable metric unit on the dotted line.

The length of a pen is 16

(1)

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6 (a) Find the value of

(i) $\sqrt{31.36}$

.....
(1)

(ii) 14^3

.....
(1)

(b) Write a number on each dotted line to make the calculation correct.

(i) $10 - \dots \times 2 = 4$

(1)

(ii) $(5 + \dots) \times 3 = 36$

(1)

- 6 (a) Write 5 15 pm using the 24-hour clock.

.....
(1)

Roberta goes out for a walk.

She leaves home at 16 35

She arrives back home at 20 15 on the same day.

- (b) Work out for how much time Roberta is out for her walk.

..... hours minutes
(2)

- 9 (a) Write the time 8 30 pm using the 24-hour clock.

.....
(1)

Ella started watching television at 10 50 am.

Ella watched

- a comedy programme lasting 45 minutes
- a sports programme lasting 1 hour 10 minutes
- a history programme

There were no breaks and no advertisements between the programmes.

Ella finished watching television at 2 20 pm.

- (b) How long did the history programme last?
Give your answer in minutes.

..... minutes
(3)

4 (a) Write 4.15 pm as a time using the 24-hour clock.

.....
(1)

On Thursday, Belina drives to Theo's house.

She leaves home at 09 15

She arrives at Theo's house at 14 40

(b) Work out how long the journey takes.
Give your answer in hours and minutes.

..... hours minutes
(2)

7 (a) Write 4 30 pm as a time in the 24-hour clock.

.....
(1)

Here is part of a bus timetable from Beetown to Pilton.

Beetown	08 45
Corthill	09 50
Pilton	10 36

The bus should take more time to get from Beetown to Corthill than from Corthill to Pilton.

(b) How much more time?
Give your answer in minutes.

..... minutes
(3)