

## Non-calculator Questions

NCFE

1.

The bus to college leaves at this time in the morning.



8:35

The bus journey takes 20 minutes.

It will then take Alex 12 minutes to walk to his classroom.

What time will Alex get to his classroom?

→ 5+7

Write your answer in numbers using the 12 hour clock format.

[3 marks]

$$\begin{array}{r} 8:35 \\ + \quad 20 \\ \hline 8:55 \end{array}$$

$$\begin{array}{r} 8:55 \\ + \quad 5 \\ \hline 9:00 \end{array}$$

9:07 am

2.

Rishi plans the times that the bands will be on stage.

The last band will play for 50 minutes.

It must finish at 10.30 pm

→ 30 + 20

What time must the last band start playing?

Write your answer in numbers using the 12 hour clock format.

[2 marks]

The diagram shows a sequence of times and calculations. At the top right is the text "[2 marks]". Below it, three times are written in red: "9:40 pm", "10 pm", and "10.30 pm". A red arrow points from "10.30 pm" to "10 pm" with the label "- 30 mins" above it. Another red arrow points from "10 pm" to "9:40 pm" with the label "- 20 mins" above it. The "9:40 pm" is underlined. Below the "10.30 pm" and "10 pm" is the text "9:40 pm" written in red. A large, faint watermark "paper" is visible in the background.

Calculator Questions

Edexcel

1.

17:30      18:00  
↑            ↑

Riya wants to see a flat between 5:30 pm and 6 pm.

She chooses a time to see the flat.

**When will Riya see the flat?**

(1)

Tick (✓) the correct answer.

16 : 40

( )

15 : 40

( )

17 : 40

(✓)

05 : 40

( )

18 : 40

( )

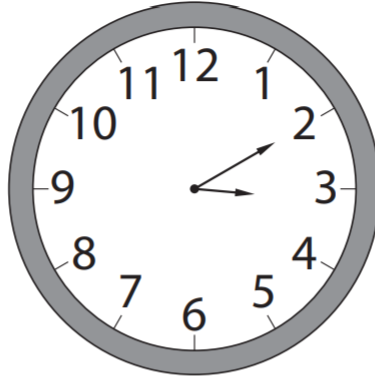
06 : 40

( )

2.

Bret makes a delivery to a customer in the afternoon.

He looks at the time on a clock.



**What time does Bret make the delivery?**

**Use the correct time format.**

(2)

Show your answer here.

3:10 pm  
15:10

NCFE

3.

Mina looks at the film times.

<b>Journey to the Stars</b>	
start time	6.20 pm
end time	8.35 pm

<b>Love in London</b>	
start time	6.35 pm
end time	<u>8.25 pm</u>

<b>Secret in the Stone</b>	
start time	7.25 pm
end time	8.55 pm

They need to be out of the cinema by half past eight in the evening.

Which film should they watch?

8:30 pm

[1 mark]

Love in London

4.

Mina and her friends get to the bus stop at quarter to three in the afternoon.

The next bus is due in 17 minutes.

2:45pm

What time is the next bus due?

→ 15 + 2

Write your answer in numbers using the 12 hour clock format.

[2 marks]

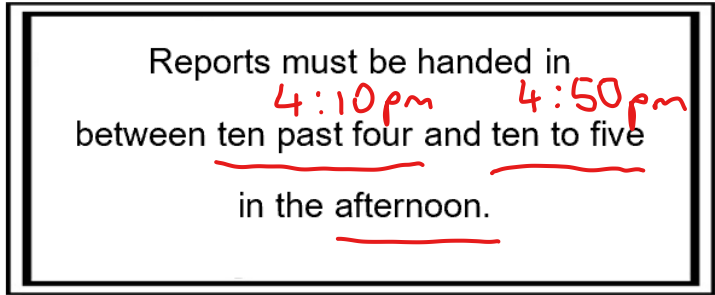
2:45pm  $\xrightarrow{+15 \text{ mins}}$  3pm  $\xrightarrow{+2 \text{ mins}}$  3:02pm

3:02pm

5.

Alex wants to hand in his report.

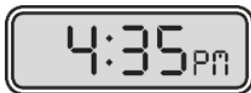
He sees this notice.



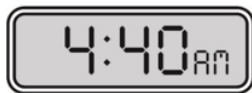
When can Alex hand in his report?

Tick (✓) two answers.

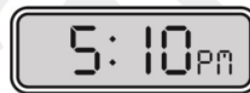
[2 marks]



A (✓)



B ( )



C ( )



D ( )



E (✓)



F ( )

6.

Claire's flight leaves at 6.35 pm

She has to be at the airport two hours before the flight leaves.

It will take her 55 minutes to get to the airport.  $55 = 35 + 20$

What is the latest time she could leave home?

Write your answer in numbers using the 12 hour clock format.

[3 marks]

$\begin{array}{r} 6:35 \\ - 2:00 \\ \hline 4:35 \text{ pm} \end{array}$	$\begin{array}{r} 4:35 \\ - 35 \\ \hline 4:00 \text{ pm} \end{array}$	$\begin{array}{r} 4:00 \\ - 20 \\ \hline 3:40 \text{ pm} \end{array}$
$3:40 \text{ pm}$		

7.

Alex starts work at 8.20 am

He works for three and a half hours then he starts his break.

At what time does Alex start his break?

Write your answer in numbers using the 12 hour clock format.

[2 marks]

$$\begin{array}{r} 8:20 \\ + 3:30 \\ \hline 11:50 \text{ am} \end{array}$$




8.

Carly has lunch after her walk.

She has lunch between 1:30 pm and 2:30 pm in the afternoon.

Which clock shows the time she has lunch?

[1 mark]


  
 A ( )      B ( ✓ )      C ( )      D ( )

City & Guilds

9.

Yogurt is made in the farm dairy.

It takes seven hours and thirty minutes to make.

The dairy assistant begins to make the yogurt at 8am

The farmer needs to know what time the yogurt will be ready.

What time will the dairy assistant tell her? Use am or pm in your answer.

Space for working out.

$$\begin{array}{r}
 8:00 \\
 + 7:30 \\
 \hline
 15:30
 \end{array}$$

Time 3:30 pm

1 mark

10.a)

An apprentice starts to work for a farmer.  
He will work 30 hours each week.

He uses this table to find out how much he should be paid each week before any deductions are made.

Age	25 and over	21 to 24	18 to 20	Under 18	<u>Apprentice</u>
Hourly Pay	£8.72	£8.20	£6.45	£4.55	<u>£4.15</u>

What will the apprentice be paid **each week**?

Show your working out.

$$30 \times 4.15 = \text{£}124.50$$

£ 124.50

2 marks

b)

This week he has to work 30 hours.  
He worked 7 hours each day on Monday, Tuesday and Wednesday.  
He worked 4 hours on Thursday.

$$\begin{array}{r} 3 \times 7 = 21 \text{ hrs} \\ + 4 \text{ hrs} \\ \hline 25 \text{ hrs} \end{array}$$

On Friday morning he checks the time on the clock when he starts work.



What time can he finish work on Friday?  
Use am or pm in your answer.

Space for working out.  $30 - 25 = 5$

$$\begin{array}{r} 06:40 \\ + 5:00 \\ \hline 11:40 \end{array}$$

Time to finish work 11:40 am

2 marks