

1

These are all times on the same morning.

- A 7:56 am
- B quarter to eight
- C six minutes to eight
- D half past seven

Write the letters for the times in order, starting with the earliest.

1 mark

2

Ben went to cubs at 7pm.

He finished one hour later.

What time did he finish?

Give your answer using digital 24 hour clock time.

:

1 mark

3

This table shows when flights take off at an airport.

Flight number	Destination	Take-off time 
AX40	Paris	13:35
BH253	Berlin	14:05
CG008	Rome	15:25
DP369	Paris	15:40
EZ44	Lisbon	16:15
FJ994	Dublin	17:25

How many flights take off between 3pm and 5pm?

1 mark

How much later does the second flight to Paris take off than the first?

1 mark

The flight to Dublin takes 50 minutes.

What time does it arrive in Dublin?

1 mark

4

Jack finished a sponsored run in 53 minutes 25 seconds.

Ally finished 3 minutes 50 seconds **after** Jack.

How long did Ally take?

min	sec
-----	-----

1 mark

Layla finished the run 8 minutes 45 seconds **before** Jack.

How long did Layla take?

min	sec
-----	-----

1 mark

5

Ben goes to bed at 7:15 pm.
Grace goes to bed an hour later.
What time does Grace go to bed?

Give your answer using 24 hour clock.

:

1 mark

6

Annie finishes school at ten past 3 in the afternoon.

Circle the 24 hour clock that shows ten past 3 in the afternoon.

03:10

10:03

13:10

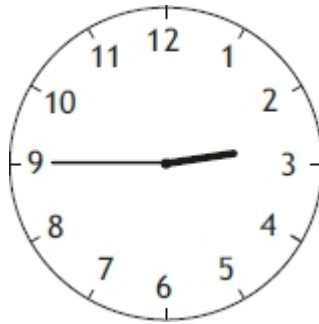
15:10

10:15

1 mark

7

A clock shows this time twice a day.



Tick the two digital clocks that show this time.

03:45

02:45

09:45

21:45

14:45

1 mark



Here are the times of some television programmes.

Channel 1		Channel 2	
7.00	Cartoon	7.00	Local News
7.15	Film	7.45	Quiz Show
9.00	News	8.30	Comedy
9.30	Weather	9.00	Hospital Drama
9.35	Sport	10.00	Pop Chart
10.20	Drama	10.40	Film

What is showing on **Channel 2** at **ten minutes to eight**?

1 mark

Tom watches **Hospital Drama** and then **changes** to **Channel 1** at the end.

What is showing on **Channel 1** when he changes channel?

1 mark

The film on **Channel 2** starts at **10.40**

It lasts for **one and a half hours**.

At what time does the film **end**?

1 mark

9

These are the times letters are collected from a post box.

Monday to Friday	Saturday	Sunday
8am 2pm 6:30pm	11:30am	no collection



What is the **latest** time letters are collected on **Wednesday**?

1 mark

Carla posts a letter at **9am on Monday**.

How **long** will it be before it is collected?

hours

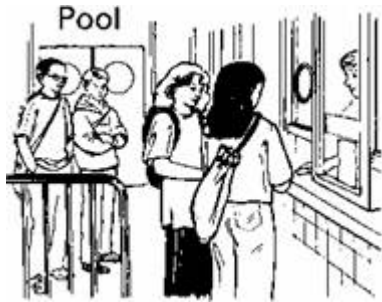
1 mark

Gareth posts a letter on **Saturday at 3pm**.

When is it collected from the post box?

day _____ time _____

1 mark



These are the opening times at a swimming pool.

	opening times		
	am		pm
Monday	Pool closed		
Tuesday			
Wednesday	10.30	to	5.30
Thursday	10.30	to	8.30
Friday	10.30	to	9.00
Saturday	8.00	to	6.00
Sunday	7.00	to	4.00

How many **hours** is the pool open on a **Sunday**?

hours

1 mark

Which **day** has the **latest** closing time?

1 mark

Habib arrives at the pool at **5:20pm** on **Saturday**.

How many **minutes** is it before the pool closes?

minutes

1 mark

11

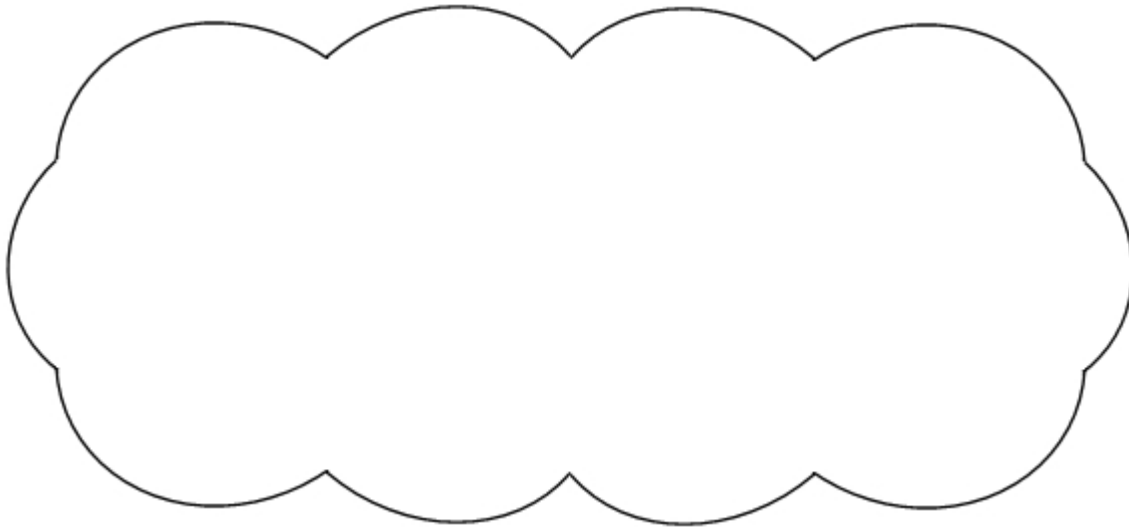
The time is 10:35am.



Kate says,

'The time is closer to 11:00am than to 10:00am'.

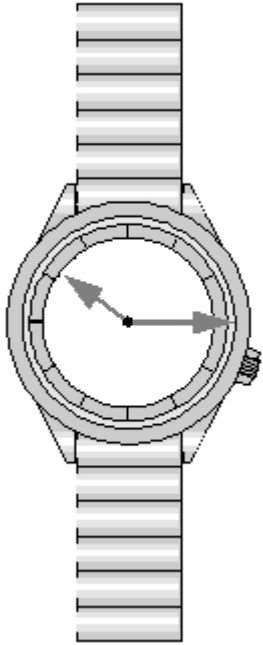
Explain why Kate is correct.



1 mark

12

This was the time on Selin's watch when she **set off** for a walk.



What time did the watch show 20 minutes **before** this?

1 mark

What time did it show an hour and a half **after she set off** for the walk?

1 mark

13

Here is the morning timetable for Chen's class this week.

Time	Mon	Tue	Wed	Thu	Fri
9:00 am – 10:30 am	Maths	English	Maths	English	Maths
10:30 am – 11:00 am	Break	Break	Break	Break	Break
11:00 am – 12:00 pm	English	Maths	Science	Maths	English

What is the **total** number of hours for **English** on this timetable?

hours

1 mark

14

Seb has to see the doctor at 10:05 am.

He gets to the doctor's surgery at 9:52 am.

How many minutes **early** is he?

minutes

1 mark

He leaves the doctor's surgery at 10:25 am.

He gets to school 45 minutes later.

What time does he arrive at school?

am

1 mark

15

Jack leaves for school at this time.



It takes him **40 minutes** to get to school.

Tick (✓) the time Jack gets to school.

☐☐☐☐☐

1 mark

16

What is 444 minutes in hours and minutes?

hours

minutes

1 mark

17

Write the missing numbers.

60 months =

years

72 hours =

days

84 days =

weeks

2 marks

18

One of these watches is **3 minutes fast**.

The other watch is **4 minutes slow**.



What is the correct time?

1 mark

19

Here are the sunrise and sunset times for some days in July.

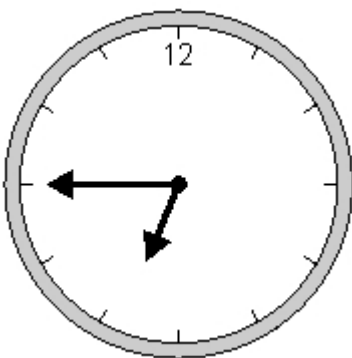
Date	Sunrise	Sunset
7th	04:53	21:18
14th	05:00	21:12
21st	05:09	21:05
28th	05:18	20:55

How many minutes earlier is the **sunset** on 28th July than on 7th July?

1 mark

20

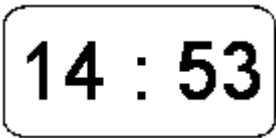
Here is a clock.



How many minutes is it **until** this clock shows 7:30?

1 mark

Here is another clock.



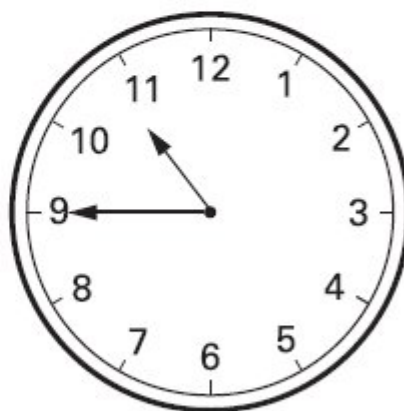
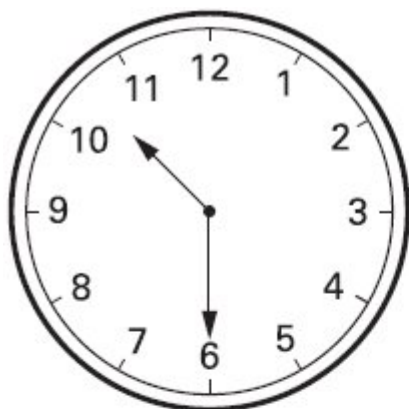
What time will the clock show in 20 minutes?

1 mark

21

Two clocks show the same time.

Tick (✓) them.



1 mark



Here are the **start** and **finish** times of some children doing a sponsored walk.

	Start time	Finish time
Claire	9.30	10.55
Ruth	9.35	11.05
Dan	9.40	11.08
Tim	9.45	11.05

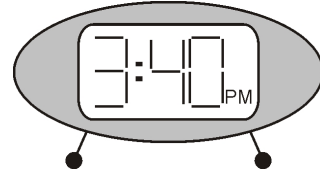
How much longer did Claire take than Tim?

minutes

1 mark

23

A clock shows this time.



How long is it from this time until 5pm?

1 mark

What time was it quarter of an hour before the time on the clock?

 pm

1 mark



These are the radio programmes one morning.

7.00	Music show
7.55	Weather report
8.00	News
8.15	Travel news
8.25	Sport
8.45	Holiday programme

Josh turns the radio on at 7:25am.

How many minutes does he have to wait for the Weather report?

minutes

1 mark

The Holiday programme lasts for 40 minutes.

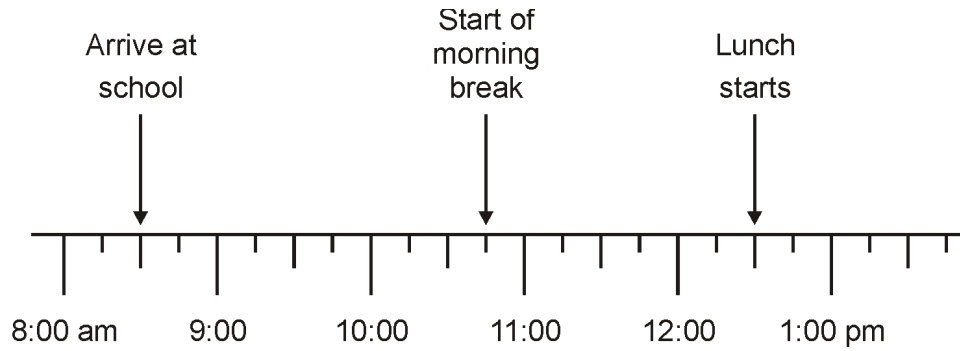
At what time does the Holiday programme finish?

am

1 mark

25

Jamie makes a time line of part of his day.



What time does Jamie's morning break start?

 am

1 mark

Lunch lasts for three-quarters of an hour.

What time does lunch **finish**?

 pm

1 mark

26

This table shows the opening times of a pet clinic.

  Pet Clinic  	
Monday	10am to 4:30pm
Tuesday	10am to 4:30pm
Wednesday	Closed all day
Thursday	10:30am to 2:30pm
Friday	1pm to 6:30pm
Saturday	10am to 5:30pm
Sunday	Closed all day

How many hours is the clinic open on Thursday?

hours

1 mark

On which day is the clinic open for the longest time?

1 mark

Liam takes his dog to the clinic on Saturday.

He arrives at 9:25am.

How many minutes is it before the clinic opens?

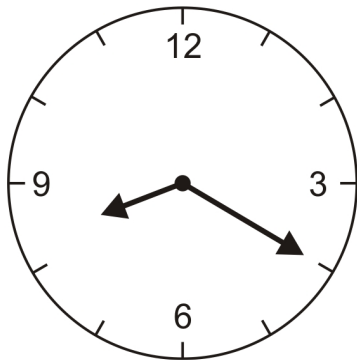
minutes

1 mark

27

Here are two clock faces.

Join each clock face to the correct digital time.



9:20

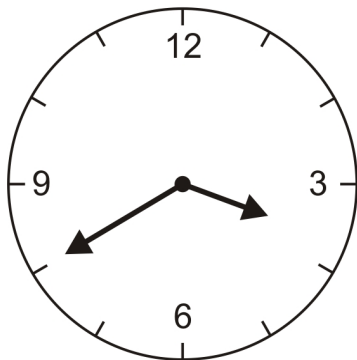
3:40

4:40

8:40

8:20

4:20



2 marks

28

Circle the time that is 30 minutes **before** midnight.

12:30 am

12:30 pm

11:30 am

11:30 pm

3 am

1 mark

29

The clock shows the same time as one of the watches.

Draw a line to match the clock to a watch.

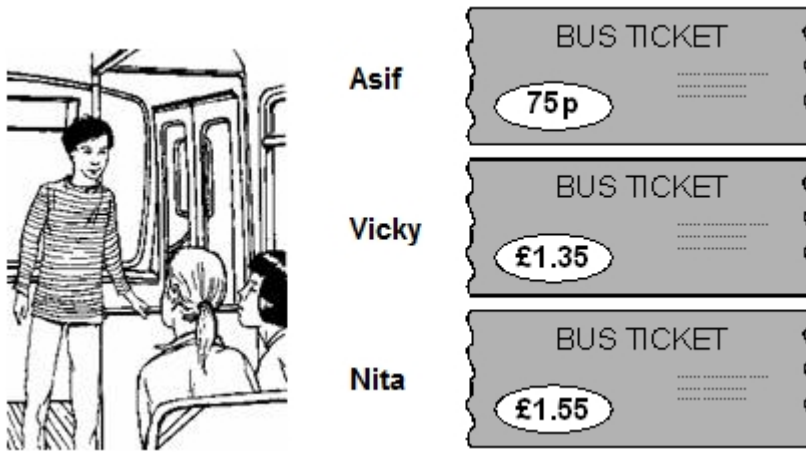


1 mark

30

Asif, Vicky and Nita go to town by bus.

This is what they pay.



How much **more** does **Nita** pay than **Asif**?

1 mark

Vicky then takes **another** bus from town to visit her auntie.

She pays **90p** on this bus.

How much has Vicky paid **altogether** for her two bus tickets?

1 mark

31

These are the prices in a fish and chip shop.

Fish.....	£1.95
Chips	
small bag.....	55p
large bag.....	70p
Peas.....	38p

Luke has **£3**

He wants to buy one fish, peas and two large bags of chips.

How much **more** money does he need?

Show
your
method

2 marks

32

Liam, Sarah and Amy buy lunch at a salad bar.

salad bar			
Salads		Desserts	
cheese	£1.20	banana	25p
egg	90p	apple pie	50p
tuna	£1.60	yogurt	35p

33

A shop sells three types of sunglasses.

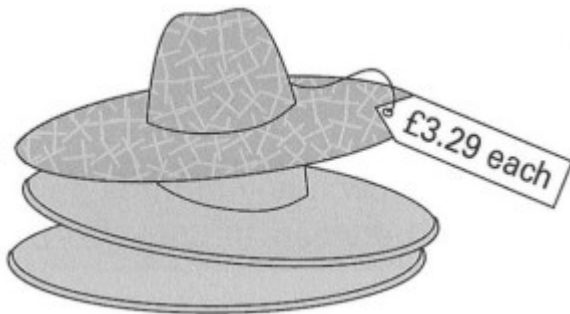


What is the **difference** in price between the **most** expensive and **least** expensive sunglasses?

£

1 mark

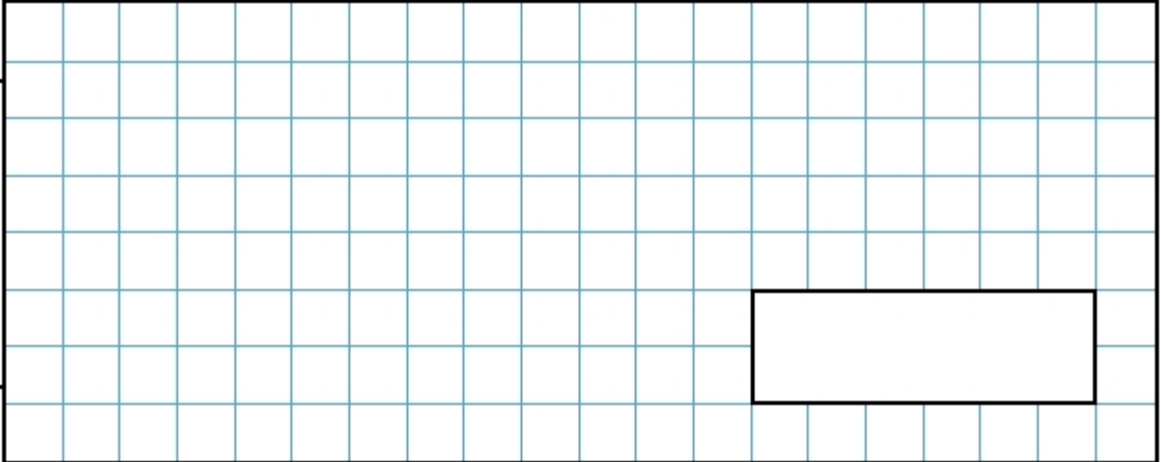
The shop also sells sun hats.



Ryan buys the **£4.69 sunglasses** and a **sun hat**.

How much change does he get from **£10**?

Show your method



2 marks

34

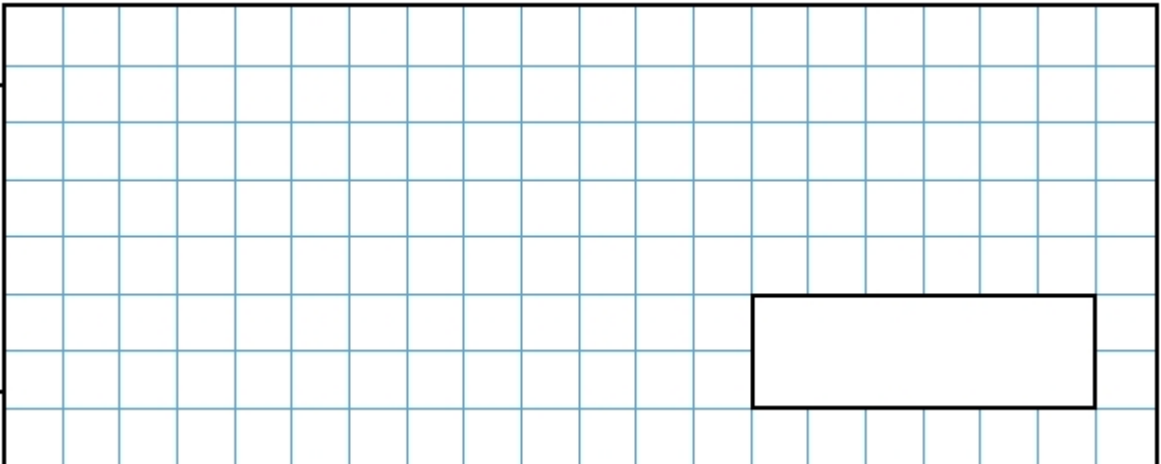
Books are 25p each at a car boot sale.

Alfie wants to buy 12 books.

He only has £2.35

How much **more** money does Alfie need?

Show your method



2 marks

35

John buys one toy car and one pack of stickers.



£1.49



£1.64

He pays with a **£10** note.

How much change does John get?

Show
your
method

£

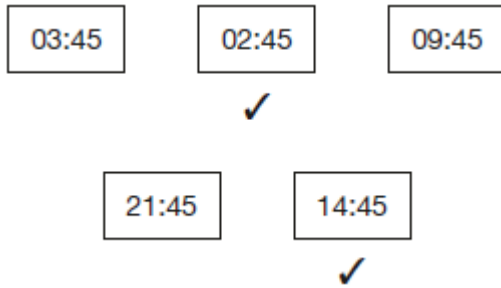
2 marks

Mark schemes

- 1** D B C A
*Accept alternative unambiguous indications of the correct order, eg
7:30 7:45 7:54 7:56*
[1]
- 2** 20:00
Do not accept 8:00pm or 20:00pm
[1]
- 3** (a) 3
1
(b) 2 hours 5 minutes
The answer is a time interval
1
(c) 18:15
*The answer is a specific time
Accept 6:15*
1
[3]
- 4** (a) 57 min 15 sec
The answer is a time interval (see the guidance).
1
(b) 44 min 40 sec
1
[2]
- 5** 20:15
[1]
- 6** 03:10 10:03 13:10
15:10 10:15
Accept other unambiguous indication of correct answer
[1]

7

Both clocks ticked, as shown:



Accept alternative unambiguous positive indications, e.g. clocks circled or underlined.

[1]

8

(a) Quiz Show

Accept recognisable mis-spellings.

Accept 'quiz'.

Accept an answer indicated on the chart provided the intention is clear.

1

(b) Sport

Accept recognisable mis-spellings.

Accept an answer indicated on the chart provided the intention is clear.

1

(c) 12.10

*Accept 12.10 **OR** 12:10 **OR** 1210 **OR** 00 10 **OR** 00.10 **OR** 00:10 **OR** 12.10am **OR** 12.10pm.*

*Accept equivalent expressions such as 'ten past noon' **OR** 'ten past midnight'.*

1

[3]

9

(a) 6:30pm

*Accept 6:30 **OR** half past 6 **OR** 24hr clock expressions, eg 18:30*

1

(b) 5

1

(c) Monday, 8am

***Do not** accept '8am' alone.*

***Do not** accept 'Monday' alone. Accept '8' **OR** 08:00 etc for 8am.*

1

[3]

10

(a) 9

1

(b) Friday

Accept recognisable mis-spellings.

Accept 9.00 circled.

1

(c) 40

1

[3]

11

An explanation which recognises that 10:35 is after half past ten, eg:

- '10:35 am is 35 minutes from 10:00am but 25 minutes from 11:00am'
- '10:35 is 10 minutes closer to 11:00'
- 'It's closer to 60 minutes'
- '10:35am is after half past'
- 'It's past halfway'
- '35 is after 30 and 30 is half'
- '35 minutes is over half an hour'
- 'It's 25 minutes to 11'.

***Do not** accept vague or incomplete explanations, eg:*

- '11:00am is closer'
- 'Halfway is 10.30am'
- '5 rounds up'
- 'There are 60 minutes in an hour'.

U1

[1]

12

(a) 09:55 **OR** 9:55

*Accept 21:55 **OR** 955 **OR** 2155*

Accept 'five to ten' or equivalent.

Ignore am or pm.

1

(b) 11:45

*Accept 23:45 **OR** 1145 **OR** 2345*

Accept 'quarter to twelve' or equivalent.

Ignore am or pm.

1

[2]

13

5

Do not accept 300 (minutes).

[1]

14

13

The answer is a time interval

1

11:10

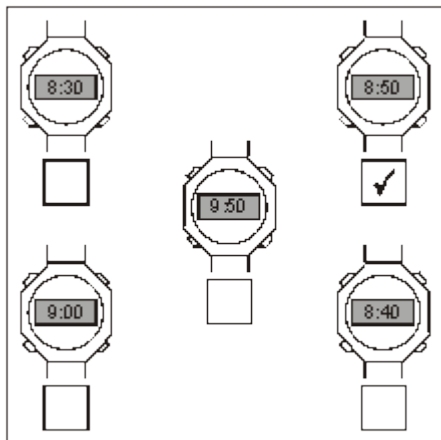
The answer is a specific time

1

[2]

15

Ticks 8:50 as shown:



Accept any other clear way of indicating the correct time, such as crossing or circling.

[1]

16

7 hours and 24 minutes

[1]

17

Award **TWO** marks for three boxes completed correctly as shown:

60 months = years

72 hours = days

84 days = weeks

If the answer is incorrect, award **ONE** mark for two boxes completed correctly.

Up to 2m

[2]

18

12:02

Accept 1202 **OR** 12.02 **OR** 00:02 **OR** 0002 **OR** 00.02

Accept 'two minutes past twelve' or equivalent.

Ignore am or pm.

[1]

19

23

[1]

20

(a) 45

1

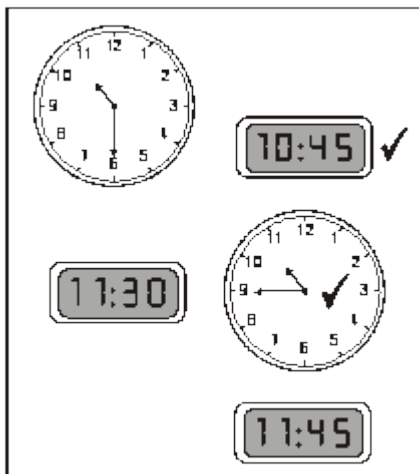
(b) 15:13

1

[2]

21

Two clocks ticked as shown:



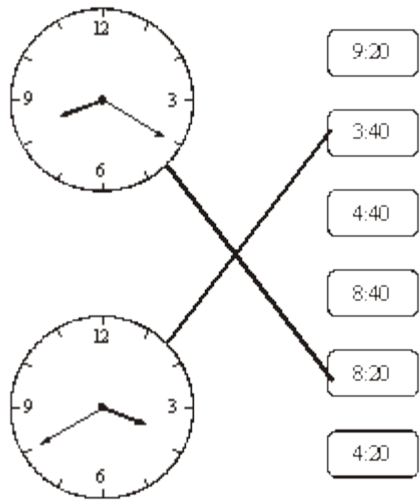
Both clocks must be ticked for the award of the mark.

Accept any other clear way of indicating the correct clocks, such as circling.

[1]

22	5				[1]
23	(a) 1 hour 20 minutes	<i>The answer is a time interval (see Guidance).</i>	1		
	(b) 3:25	<i>The answer is a specific time (see Guidance).</i>	1		[2]
24	(a) 30 minutes	<i>The answer is a time interval.</i>	1		
	(b) 9:25am	<i>The answer is a specific time.</i>	1		[2]
25	(a) 10:45am	<i>The answer is a specific time (see General guidance: responses involving time for guidance).</i>	1		
	(b) 1:15pm	<i>The answer is a specific time (see General guidance: responses involving time for guidance).</i>	1		[2]
26	(a) 4 hours	<i>The answer is a time interval</i>	1		
	(b) Saturday	<i>Accept unambiguous abbreviations or recognisable misspellings. Accept '10am to 5:30pm'.</i>			
		<i>Accept $7\frac{1}{2}$ hours.</i>	1		
	(c) 35 minutes	<i>The answer is a time interval</i>	1		[3]

27



Do not award the mark if additional incorrect lines are drawn.
Lines need not touch the clocks or times, provided the intention is clear.

(a) First clock joined to 8:20

1

(b) Second clock joined to 3:40

1

[2]

28

Time circled as shown:

12:30am 12:30pm
11:30am **11:30pm** 3am

Do not award the mark if additional incorrect times are circled.
Accept alternative unambiguous indications, eg time ticked, crossed or underlined.

[1]

29

Draws line joining clock to watch showing 12.30

[1]

30

(a) 80p **OR** £0.80

Accept £0.80p **OR** 0.80 **OR** 80 **OR** £.80 **OR** £.80p **OR** £0 80
OR .80 **OR** 0 80

Do not accept £80p **OR** £80 **OR** £0.8 **OR** 0.80p

1

(b) £2.25 **OR** 225p

Accept £2.25p **OR** 2.25 **OR** 225 **OR** £2 25

Do not accept £225p **OR** £225

1

[2]

31

Award **TWO** marks for the correct answer of 73p **OR** £0.73

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg

- $195 + 38 + (70 \times 2) = 373$
- $373 - 300$

*Accept for **ONE** mark £73p **OR** 0.73p **OR** £73 as evidence of appropriate method.*

Answer need not be obtained for the award of ONE mark.

Up to 2

[2]

32

(a) 40p

1

(b) Award **TWO** marks for the correct answer of 65p **OR** £0.65

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$120 + 35 = 155$$

$$155 - 90 = \text{wrong answer}$$

*Accept for **ONE** mark £65 **OR** £65p **OR** 0.65p as evidence of appropriate working.*

*Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2

[3]

33

(a) £2.86

1

(b) Award **TWO** marks for the correct answer of £2.02 **OR** 202p

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$4.69 + 3.29 = 7.98$$

$$10 - 7.98 = \text{wrong answer}$$

*Accept for **ONE** mark £202p **OR** £202 **OR** 2.02p as evidence of appropriate working*

*Calculation must be performed for the award of **ONE** mark*

Up to 2

[3]

34

Award **TWO** marks for the correct answer of 65p or £0.65

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, eg

$$12 \times 25p = £3.00$$

$$£3.00 - £2.35$$

*Accept for **ONE** mark £65 **OR** £65p **OR** 0.65p as evidence of an appropriate method.*

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2

[2]

35

Award **TWO** marks for the correct answer of £6.87

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- £1.49 + £1.64 = £3.13
- £10 - £3.13 =

OR

- £10 - £1.49 = £8.51
- £8.51 - £1.64 =

OR

- £10 - 164p - 149p =

*Answer need not be obtained for the award of **ONE** mark.*

*Accept for **ONE** mark an answer of £687 **OR** £687p as evidence of an appropriate method.*

Up to 2 marks

[2]