

Year 6



Mathematics

Reasoning - measurement

Time

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						

1

Circle the time that is 45 minutes **after** midday.

00:45

12:15

00:15

12:45

12:30

What time is 24 minutes **before** midday?

:

1 mark

2

What is 326 minutes in hours and minutes?

hours

minutes

What is 738 seconds in minutes and seconds?

minutes

seconds

1 mark

3

James is baking a cake.



He needs to bake it for 35 minutes in the oven.

He puts the cake in at 3:56 pm.

At what time is the cake finished baking?

pm



1 mark

Once baked, the cake must cool.

The cake is finished cooling at 5:16 pm.

How many minutes did it take for the cake to cool?

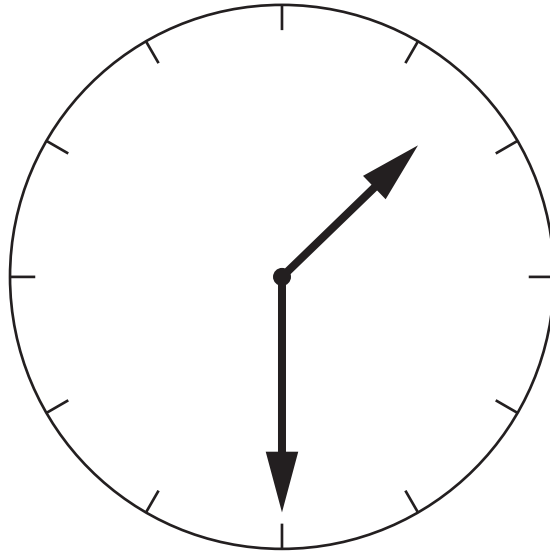
minutes



1 mark

4

A clock shows this time twice a day.



Circle the digital clock that shows this time.

02:30

12:30

11:30

01:30

14:30

1 mark

At what other time of day would the analogue clock display the same time?

:

1 mark

5

A play starts at 2:15 pm.

The first part lasts 48 minutes, then there is an interval.

What time will the interval start?

pm



1 mark

The interval lasts 25 minutes.

After the interval, there is the second act of the play.

The play finishes at 4:21 pm.

How long in minutes is the second half?

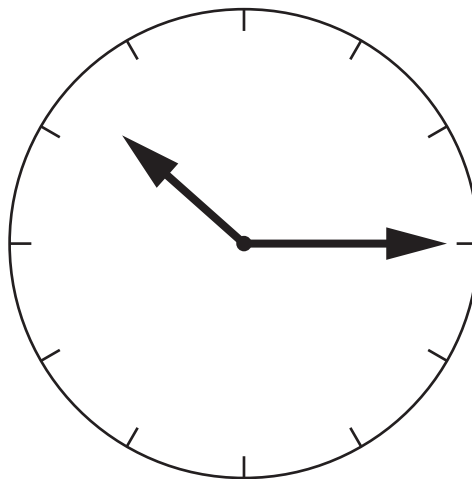
minutes



1 mark

6

A clock shows this time:



What is the time 34 minutes **before** this time?

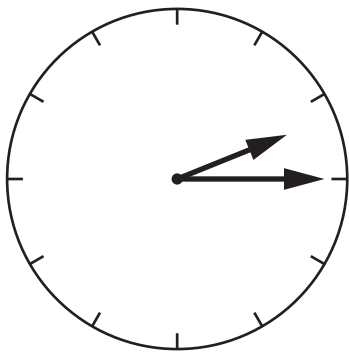
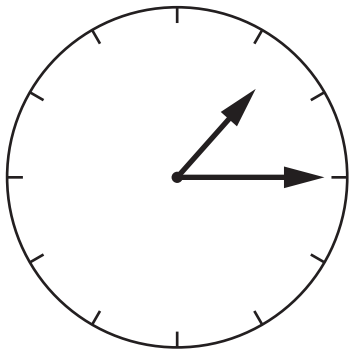
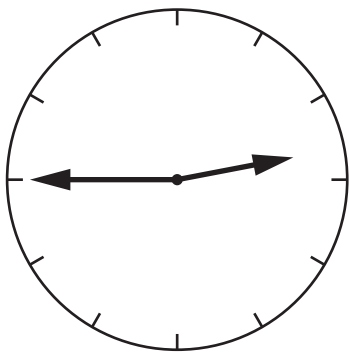
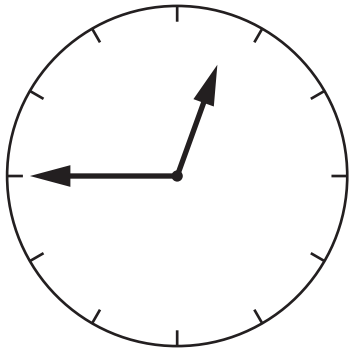
:



1 mark

7

Match each clock to the correct time.



2:45

quarter past one

quarter to one

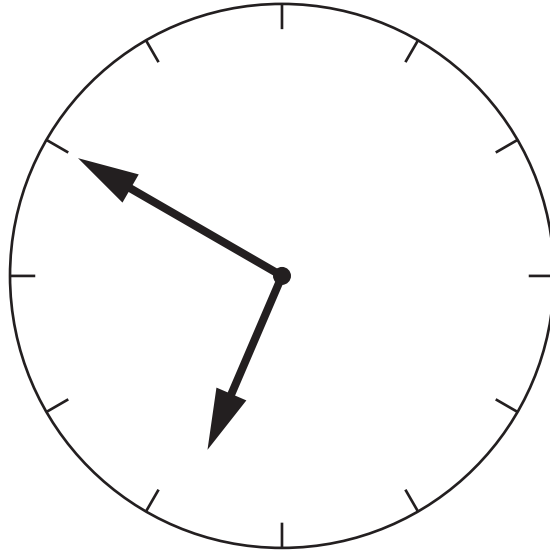
2:15



2 marks

8

This clock shows the time Amy wakes up in the morning.



Her school bus arrives to pick her up at 7.30 am.

How many minutes is it until her school bus arrives?

minutes



1 mark

This clock shows the time Amy gets home from school.

15 : 42

She has 24 minutes to finish her homework before dinner.

What time does she have dinner?

:



1 mark

9

A television programme starts the time below:

11 : 18

It lasts 1 hour and 15 minutes.

What time does it end?

:

1 mark

10

Shen takes the train from Guildford to Portsmouth.

The journey takes 58 minutes.

The train leaves at 4.24pm.

What time does he arrive in Portsmouth?

Write your answer in the 24-hour clock.

:

1 mark

The ferry to Gosport leaves from Portsmouth at 5:34 pm.

How many minutes does Shen have between the train and the ferry?

minutes

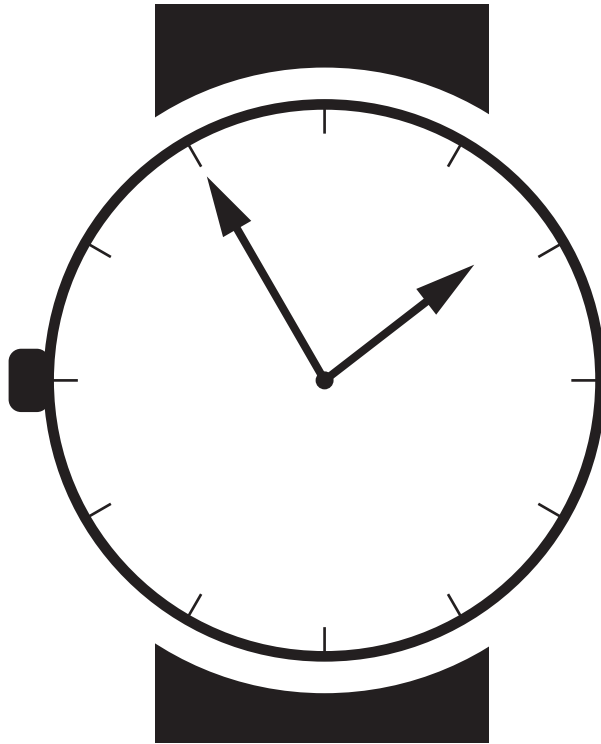
1 mark

11

Nadia is going to a birthday party.

It starts at 2.15 pm.

When she arrives, her watch shows this time:



How many minutes **early** is she?

minutes



1 mark

She decides to leave and come back later.

She gets back at two forty-three in the afternoon.

How many minutes **late** is she?

minutes



1 mark

12

Match the time in words to the 24-hour digital clock times.

Half past 8 in the evening

12:00

Midnight

08.30

Half past 8 in the morning

20.30

Midday

00:00



1 mark

13

Write these times in order, starting with the shortest.

72 hours

9 days

1 week

5760
minutes

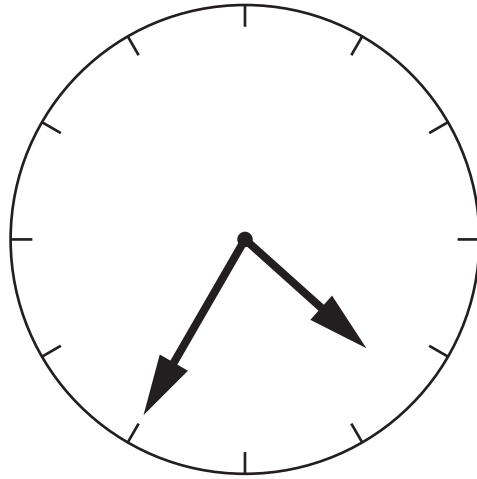
shortest



1 mark

14

This is the clock in Nadia's bedroom.



Her watch shows eighteen minutes to five.

One of them is 4 minutes fast and one of them is 3 minutes slow.

What is the correct time?

1 mark

15

A digital clock shows the start time of a film.



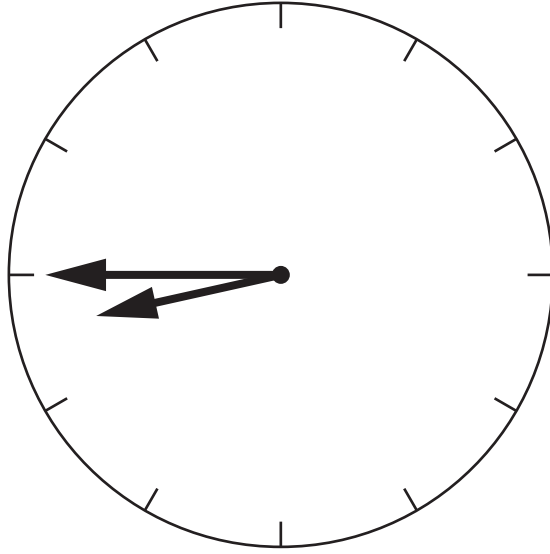
The film ends at twenty-seven minutes past four in the afternoon.

How long is the film in hours and minutes?

1 mark

16

Sarah goes for a run. When she leaves, her clock shows the time below.



She runs for 58 minutes.

Tick (✓) the time that Sarah's clock shows when she gets back from her run.

08 : 43

09 : 45

09 : 43

08 : 47

09 : 42



1 mark

17

It takes Abdul 18 minutes to walk from his house to Inaya's house.
When he arrives, his watch shows this time:



What time did he leave his house?

pm



1 mark

On the way home, Abdul takes a different route home so he can walk through the park.

He leaves Inaya's house at 4.14pm.

He gets home at 5.00pm.

How long does the route through the park take in minutes?

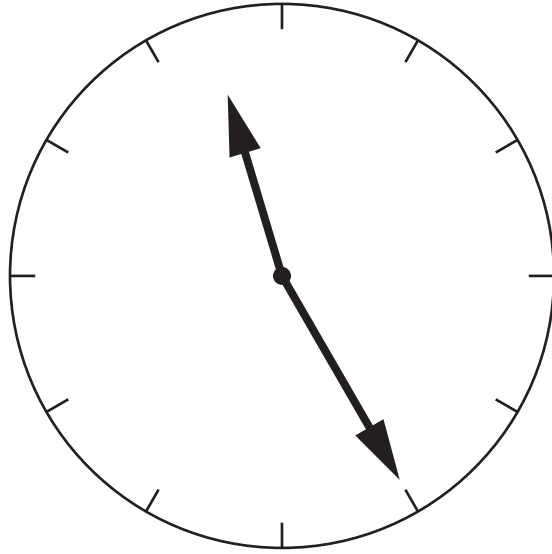
minutes



1 mark

18

A baby goes for a nap at the time below.



The baby is supposed to sleep for 45 minutes.

What time should the baby wake up?

1 mark

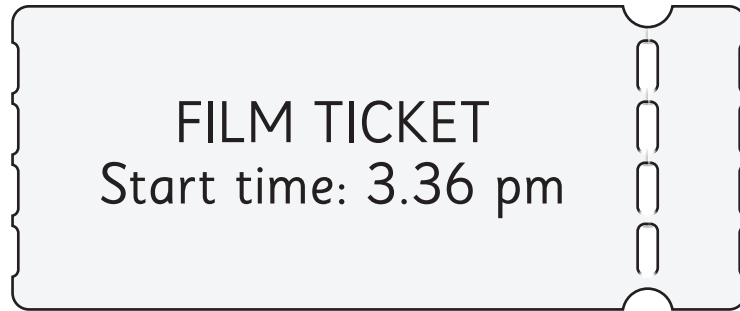
The baby wakes up at 11.56.

How many minutes did the baby sleep?

1 mark

19

Shen is going to see a film.



The bus takes 34 minutes from Shen's bus stop to the cinema.
It takes him 8 minutes to walk to his bus stop from his house.

What is the latest time Shen can leave his house to arrive 10 minutes before the film starts?

pm

1 mark

When the film finishes, Shen's watch shows this time:



How long was the film in hours and minutes?

 hour minutes

1 mark

20

Amy is getting the train from London to Edinburgh.
It departs at the time below.

11 : 21

It is planned to take 4 hours and 44 minutes in total.

What time should Amy's train arrive in Edinburgh?

:

1 mark

The train is delayed on route. It arrives at 16.48.

How many minutes was it delayed by?

minutes

1 mark