



Learning Objective: learn key facts of time.



# TIME

## THE FACTS OF TIME

### FACT 1

INSTEAD OF COUNTING IN TENS  
**10, 100, 1000**

IMPORTANT NUMBERS IN TIME ARE  
**12, 24, 60**



This is because we ancient Egyptians used 12 instead of 10.

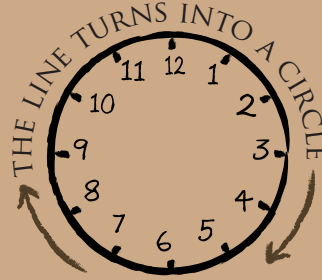
We Babylonians counted to 60 instead of 100.



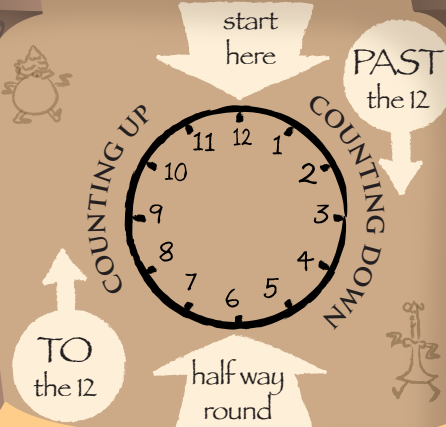
### FACT 2

INSTEAD OF COUNTING IN A LINE

1 2 3 4 5 6 7 8 9 10 11 12



### FACT 3



### FACT 4

THE SAME CLOCK IS USED TO MEASURE THREE DIFFERENT SCALES OF TIME



EACH HAS ITS OWN POINTER CALLED A **HAND**

60 MINUTES = 1 HOUR

### FACT 5

There are **24** hours in 1 day  
 12 HOURS AM AND 12 HOURS PM

**60** minutes in an hour

**60** seconds in a minute



Can you answer these questions?



Old clocks, called sundials, had 12 at the top. This is why 12 is at the top of clocks today.

### FACT 6

60 SECONDS = 1 MINUTE

12 HOURS FROM MIDNIGHT TO MIDDAY ARE CALLED **AM**

12 HOURS FROM MIDDAY TO MIDNIGHT ARE CALLED **PM**

How many hours are in one day?

How many minutes are in one hour?

ANSWERS: 24 hours = 1 day, 60 minutes = 1 hour.



## Useful Words

All these words are used in time. Cut out the ones you need and stick them into a book. Use them to help you spell.

day

today

tomorrow

yesterday

morning

noon

afternoon

evening

o'clock

hour

minute

second

half past

quarter  
past

quarter  
to

PM

midnight

midday

digital

AM

week

month

year

calendar

decade

century

millennium

before

now

after

later



# How Much Time?

Which things take a short time and which ones take longer?  
Number each row, going from the shortest to the longest time.



yawn



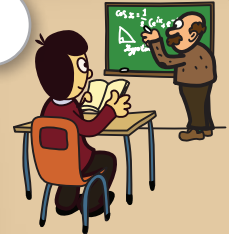
sleep



eat a sandwich



school lesson



bath



bike ride



put on a sock



brush



eat cereal



watch TV



lunch time



play time



drink water



eat sweets



tidy room



homework





# What Happened First?

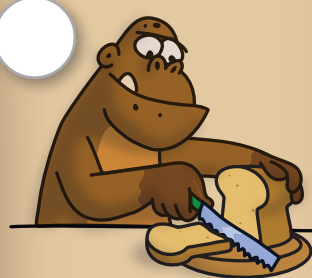
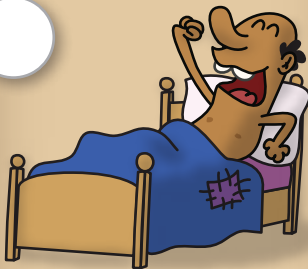
These pictures are in the wrong order.  
Number each picture to show the correct sequence.



morning

making toast

evening



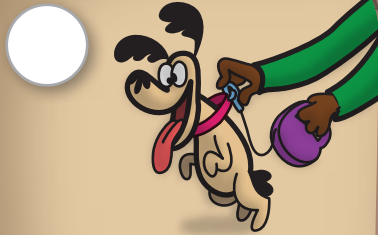


# When Did It Happen?

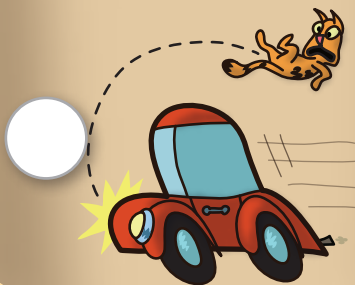
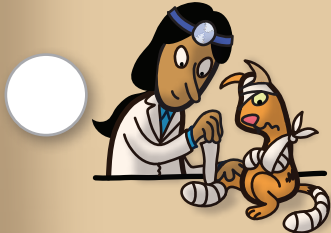
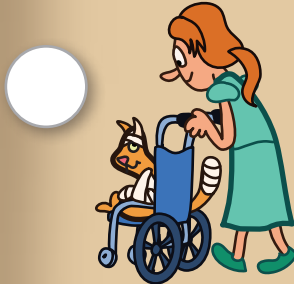
These pictures are in the wrong order.  
Number each picture to show the correct sequence.



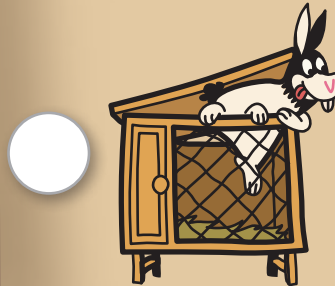
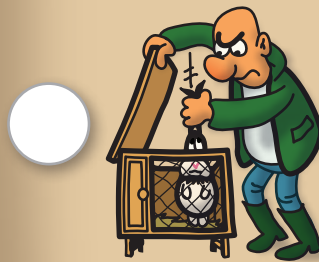
### dog walk



### cat injury



### rabbit gets out





# Who is Mr Hour?

Colour Mr Hour red. Write the time in hours under each clock.

What is the time?



11 o'clock

## Hour Facts

The hour hand goes around the clock twice in one day.

12 hours from midday to midnight and 12 hours from midnight to midday, make **24 hours in one day.**



What is the time?



[Blank box for time]

**Mr Hour moves very slowly**  
He counts 1 to 12 then starts again.

**The hour hand is short and fat - just like Mr Hour!**

**He only goes in this direction - clockwise**

**He points a hand at the hour.**

3 o'clock

What is the time?



[Blank box for time]

What is the time?



[Blank box for time]

ANSWERS: 11 o'clock, 1 o'clock, 7 o'clock, 5 o'clock.



# Where is Mr Hour?

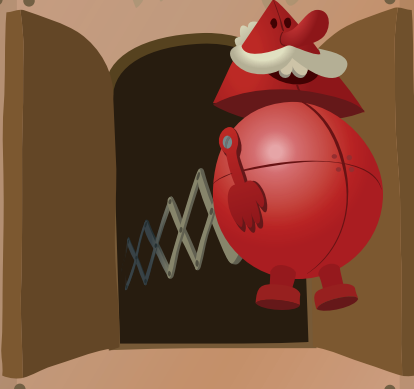
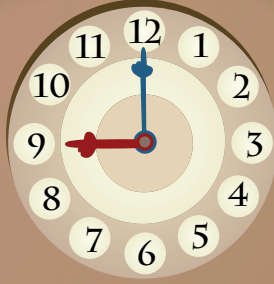
Look where the red hour hand is pointing. Write the time under each clock.



This one has been done for you!



3 o'clock



Long ago, when people told the time, they said it was "of the clock" but now we just shorten it to "o'clock".

ANSWERS: 3 o'clock, 9 o'clock, 10 o'clock, 11 o'clock, 12 o'clock, 6 o'clock, 8 o'clock, 10 o'clock, 10 o'clock, 4 o'clock.

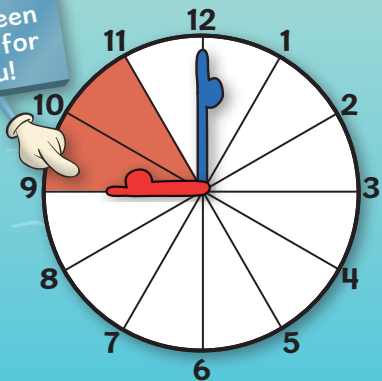


## How Far Has Mr Hour Gone?

Look where the hour hand is pointing. Where will it be in a few hours time? Count on and colour in to show how far the hour hand will travel. What will the new time be?

This one has been done for you!

add 2 hours



add 4 hours



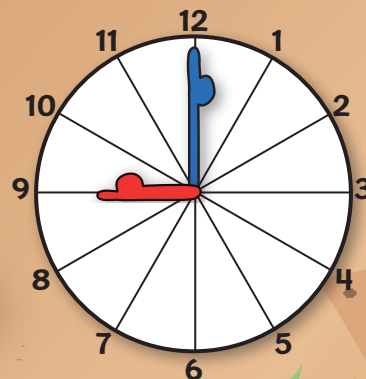
add 8 hours



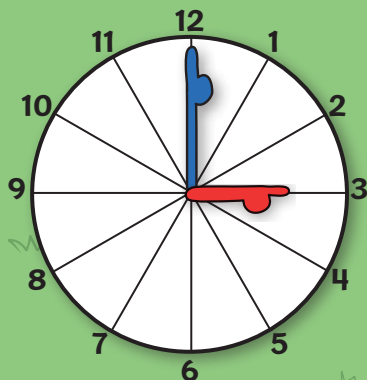
add 5 hours



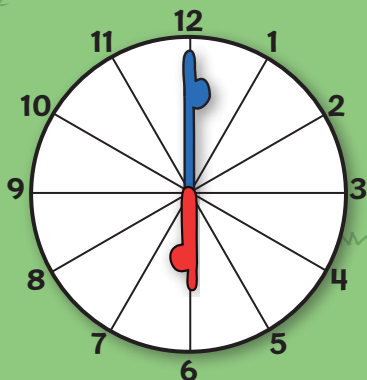
add 9 hours



add 3 hours



add 6 hours



add 12 hours



The word 'clock' comes from the Latin for bell, 'clocca', because old clocks always sounded a bell on the hour.

ANSWERS: 11 o'clock, 9 o'clock, 10 o'clock, 4 o'clock, 9 o'clock, 6 o'clock, 6 o'clock, 10 o'clock, 12 o'clock, 9 o'clock.



# How Many Hours?

The dark part of the clock shows how many hours have passed. Count the number of hours and write them below.

This one has been done for you!

From 2 to 3 o'clock



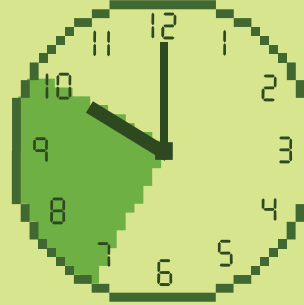
**1** hour

From 2 to 5 o'clock



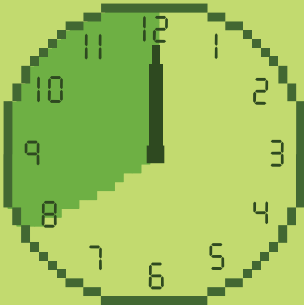
hours

From 7 to 10 o'clock



hours

From 8 to 12 o'clock



hours

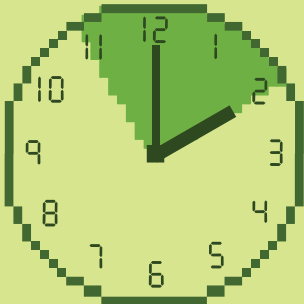


From 6 to 12 o'clock



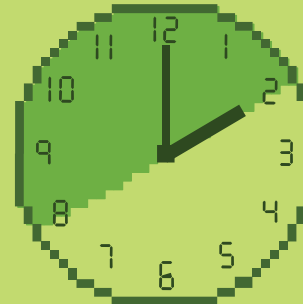
hours

From 11 to 2 o'clock



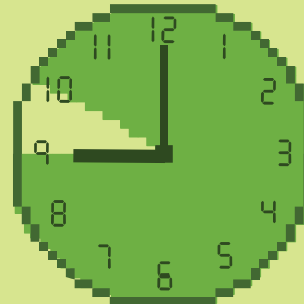
hours

From 8 to 2 o'clock



hours

From 10 to 9 o'clock



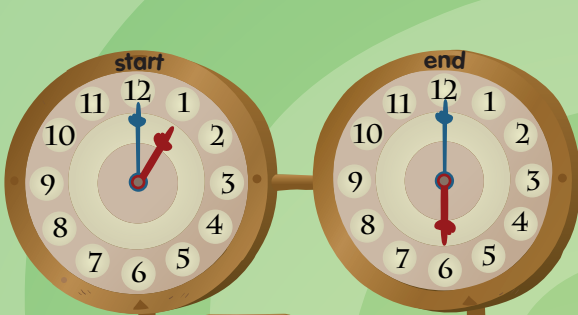
hours

ANSWERS: 1 hour, 3 hours, 3 hours, 4 hours, 6 hours, 6 hours, 3 hours, 3 hours, 3 hours, 11 hours.



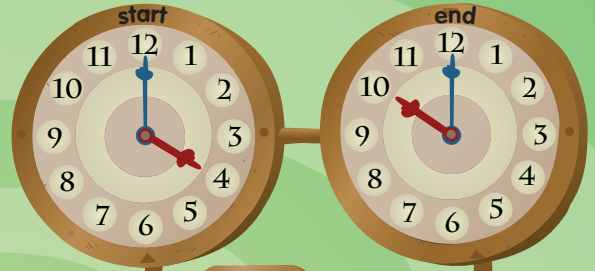
# Mr Hour's Time Machine

Each pair of clocks shows a different time.  
How many hours have passed?  
Count on from the starting time to find the answer.

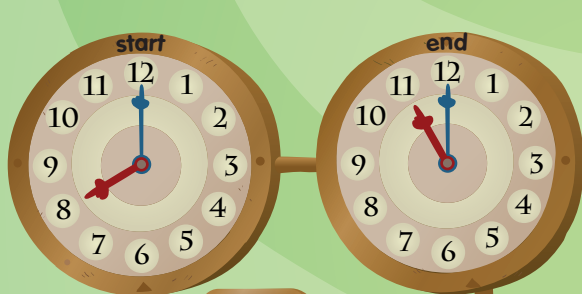


5 hours

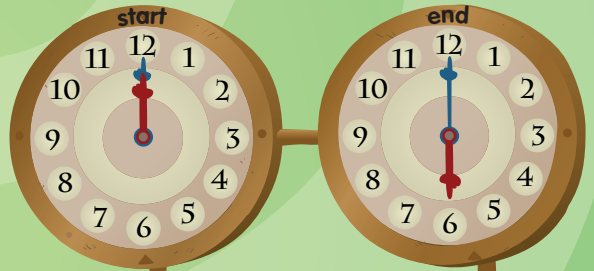
This one has been done for you!



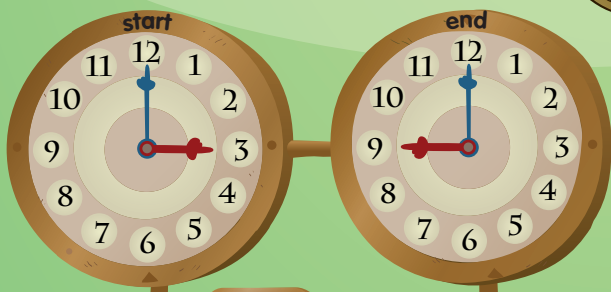
hours



hours



hours



hours



hours

ANSWERS: 5 hours, 6 hours, 3 hours, 6 hours, 6 hours, 10 hours.



# Who is Mrs Minute?

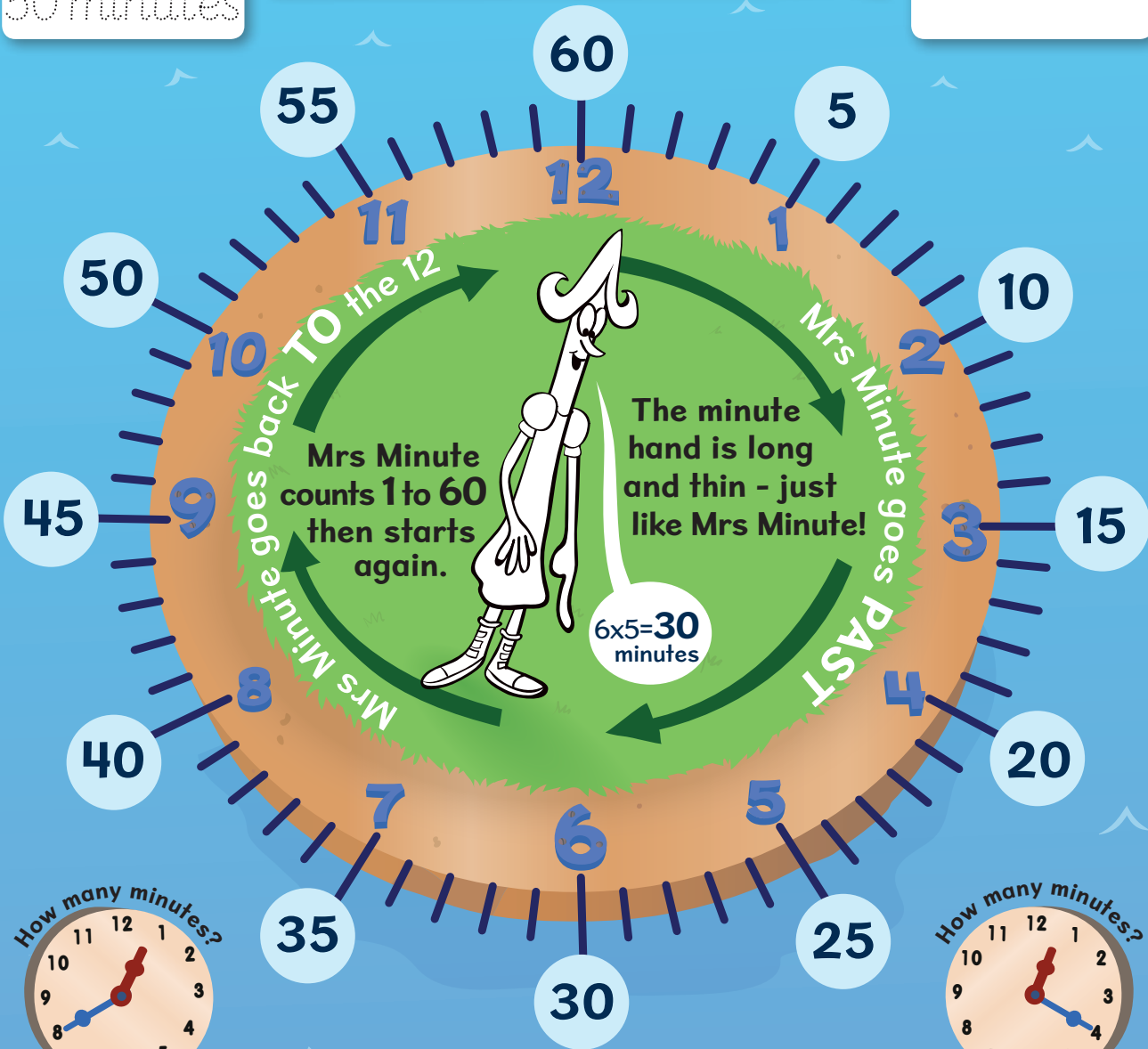
Colour Mrs Minute blue. Write the time in minutes under each clock.



50 minutes

### Minute Strategy

There are 5 minutes from one number to the next. When the minute hand points to a number, multiply by 5 to find out the minutes.



### Minute Fact

60 minutes = 1 hour





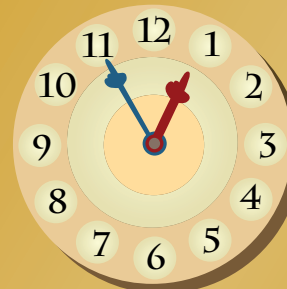
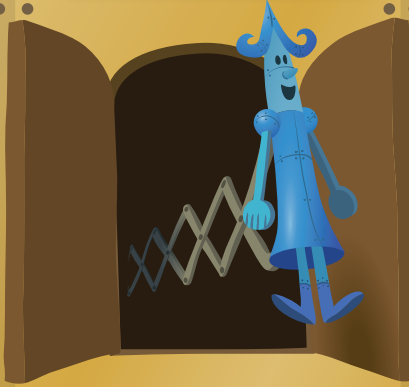
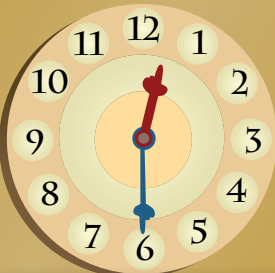
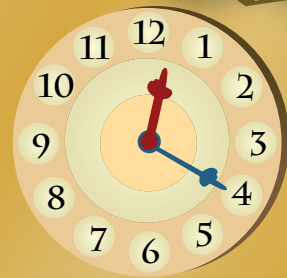
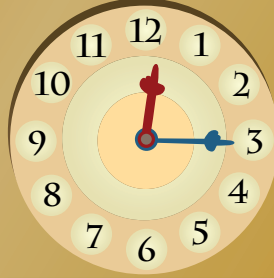
## Where is Mrs Minute?

Look where the blue minute hand is pointing.  
Write the time in minutes under each clock.

This one has been done for you!



5 minutes



'Mi-nute' means small. A minute is a smaller measurement of time than an hour. This is how the minute hand got its name!

ANSWERS: 5 minutes, 15 minutes, 20 minutes, 30 minutes, 40 minutes, 45 minutes, 50 minutes, 55 minutes.



## How Far Has Mrs Minute Gone?

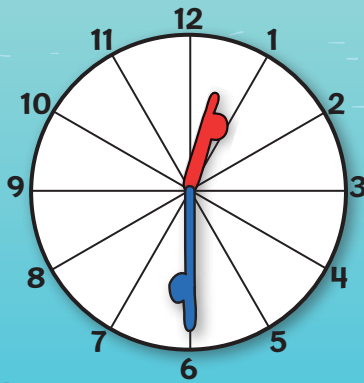
Look where the minute hand in pointing. Where will it be in a few minutes time? Count on and colour in to show how far the minute hand will travel.

This one has been done for you!

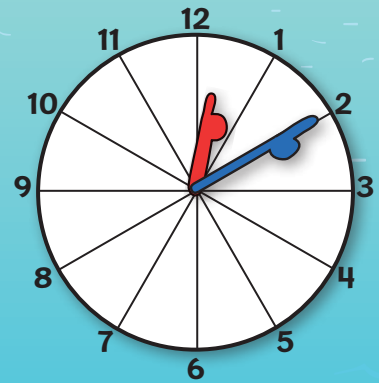
add 10 minutes



add 20 minutes



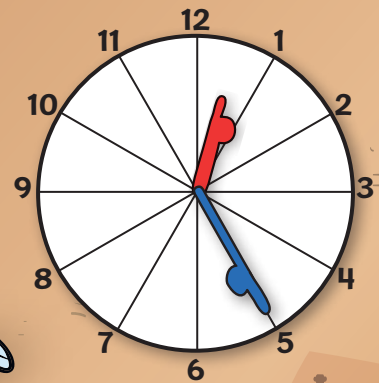
add 40 minutes



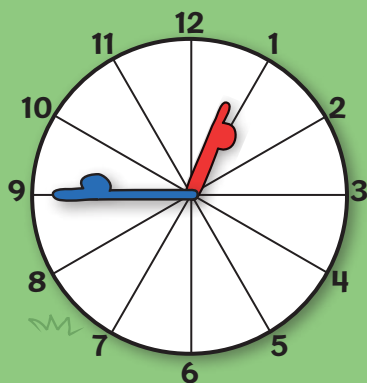
add 30 minutes



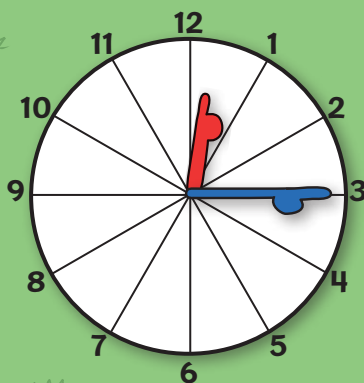
add 60 minutes



add 15 minutes



add 45 minutes



add 55 minutes



Why do we say a clock has hands?  
Old clocks had a pointer shaped like a hand.

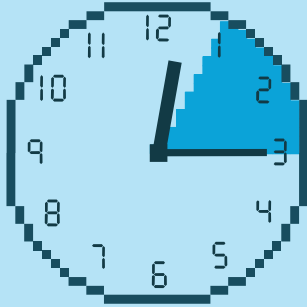


# How Many Minutes?

The dark part of the clock shows how many minutes have passed. Count in 5s to find the number of minutes.

This one has been done for you!

From 1 to 3



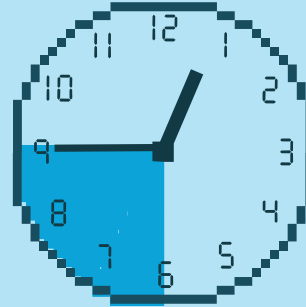
10 minutes

From 3 to 9



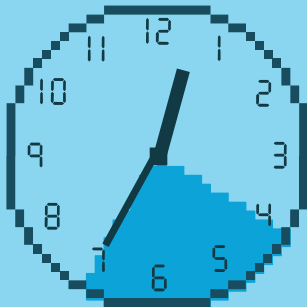
minutes

From 6 to 9

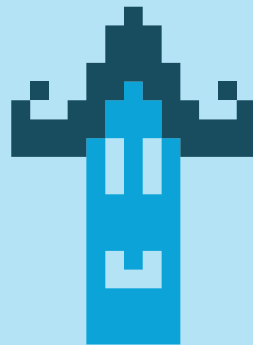


minutes

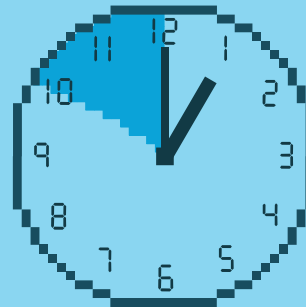
From 4 to 7



minutes

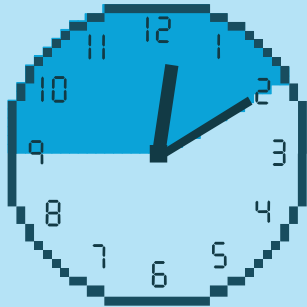


From 10 to 12



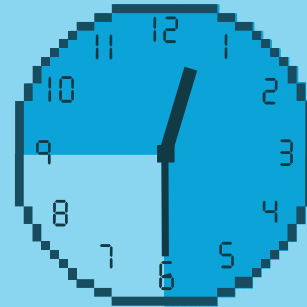
minutes

From 9 to 2



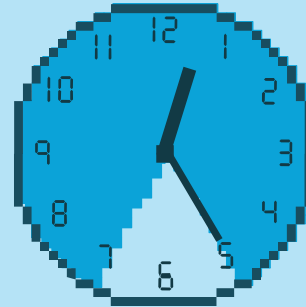
minutes

From 9 to 6



minutes

From 7 to 5



minutes

ANSWERS: 10 minutes, 30 minutes, 15 minutes, 15 minutes, 10 minutes, 10 minutes, 25 minutes, 25 minutes, 10 minutes, 15 minutes, 50 minutes, 50 minutes.

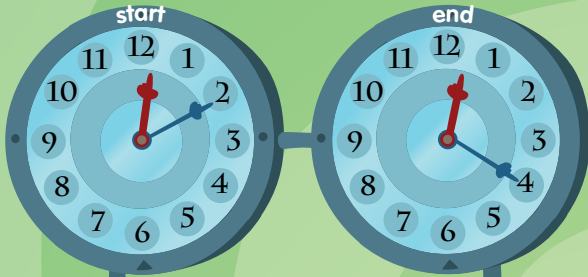


# Mrs Minute travels in time

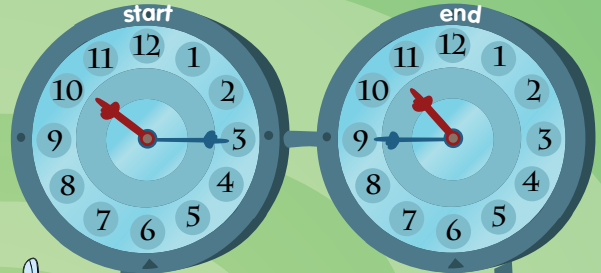
Each pair of clocks shows a different time.

How many minutes have passed?

Count on from the starting time to find the answer.

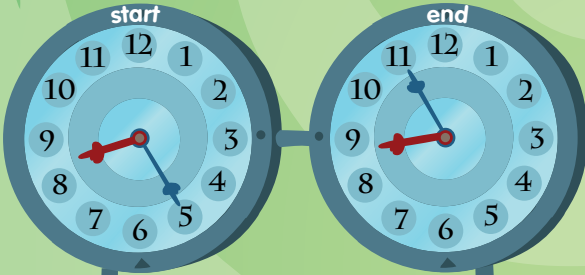


10 minutes

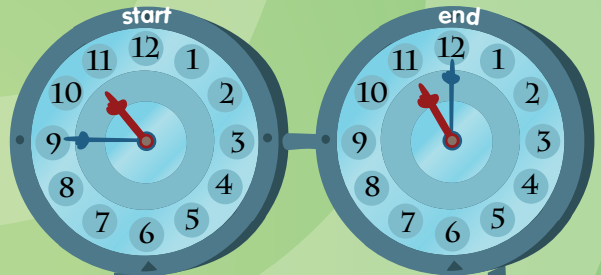


minutes

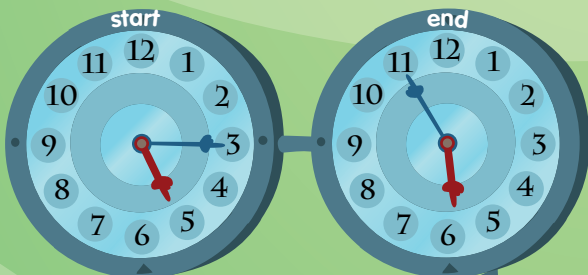
This one has been done for you!



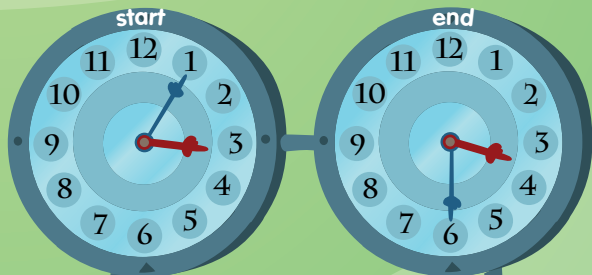
minutes



minutes



minutes



minutes

ANSWERS: 10 minutes, 30 minutes, 30 minutes, 15 minutes, 40 minutes, 25 minutes.



## Seconds

This is Seconds the dog.



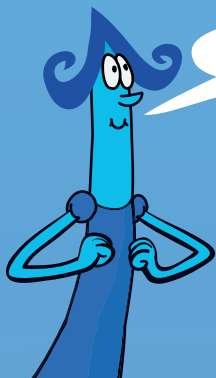
Seconds is so fast that he can go once around Clock Island in the same time it takes Mrs Minute to make one step.

**60 seconds = 1 minute**

Seconds are counted on a **stopwatch**



Seconds are used to measure very fast times but sometimes even one second is not fast enough!



Can you answer these questions?

How many seconds are in 1 minute?

How many seconds are in half a minute?

How many seconds are in 2 minutes?

ANSWERS: 60 seconds, 30 seconds, 120 seconds.

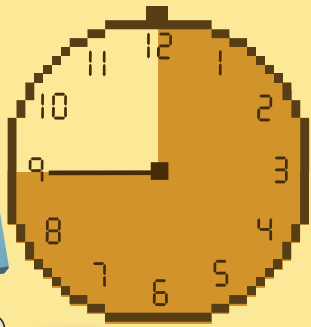


# How Many Seconds?

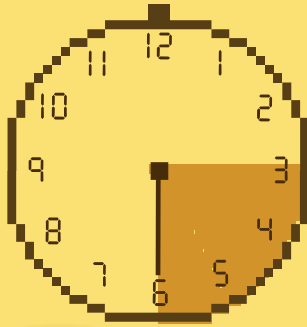
Look at the dark part of the stopwatch to see how many seconds have passed. Count in 5s and write the number of seconds below each stopwatch.



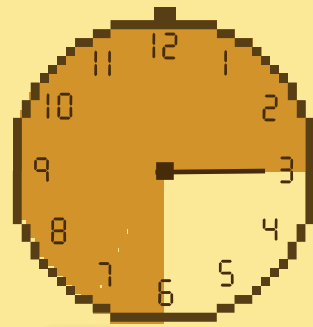
This one has been done for you!



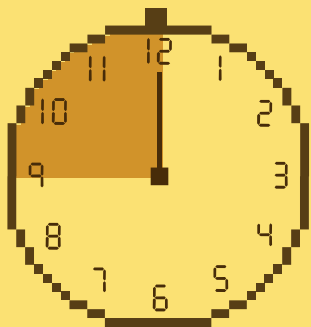
45 seconds



seconds



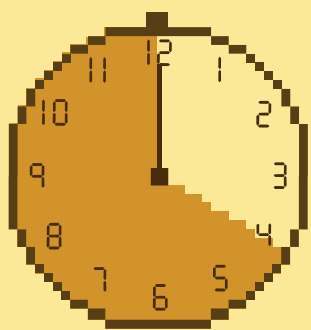
seconds



seconds



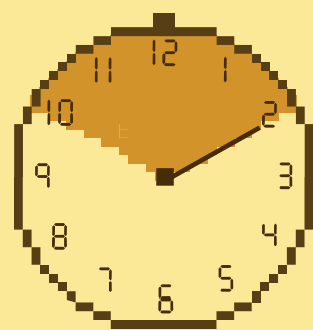
seconds



seconds



seconds



seconds

ANSWERS: 45 seconds, 15 seconds, 30 seconds, 10 seconds, 20 seconds, 5 seconds, 15 seconds, 20 seconds, 30 seconds, 40 seconds, 20 seconds, 20 seconds



# Clock Island Quiz

Can you answer Mr Hour's questions and win the Clock Island quiz?

When is your birthday?

What time do you get up in the morning?

draw the clock hands

What time do you have lunch?

What day is it today?

Monday  
Tuesday  
Wednesday  
Thursday  
Friday  
Saturday  
Sunday

What month is it now?

January  
February  
March  
April  
May  
June  
July  
August  
September  
October  
November  
December

What time do you go home?

What time do you go to bed?

How many did you get right?



## How Long Does it Take?

How much time you think it would take to do each activity? Write your estimate in each cloud.

Write your name.

Take off a sock and put it back on again.

Count to 50.

Walk from one side of the room to the other.

Look without blinking.

Hold your breath.

Now use a stopwatch to measure how much time each one takes. Use both minutes and seconds. Write the answer beside your estimate.

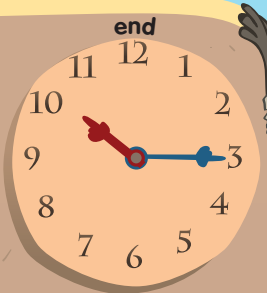
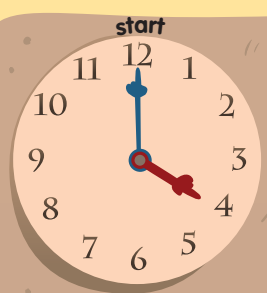


## Lost in Time

Each pair of clocks shows a start and end time. How many hours and minutes have passed between them? First, count the hours between the two times. Next, work out the minutes remembering to count in 5s.



**2** hours **30** minutes

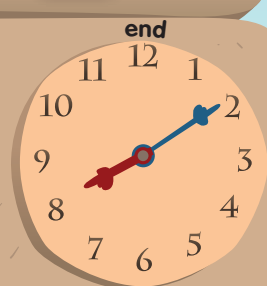


hours  minutes

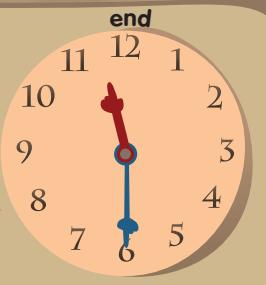
This one has been done for you!



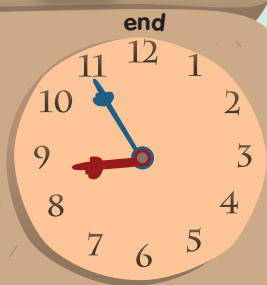
hours  minutes



hours  minutes



hours  minutes



hours  minutes



hours  minutes



hours  minutes

ANSWERS: 2h 30m, 0h 15m, 6h 30m, 6h 15m, 0h 15m, 6h 30m, 6h 35m, 1h 30m



## Crossing the 12

Each pair of clocks show a start and end time. How many hours and minutes have passed between them? It does not matter that the hands pass the 12. Count the hours between the two times. Remember to count the minutes in 5s.



**6** hours **30** minutes



hours  minutes

This one has been done for you!



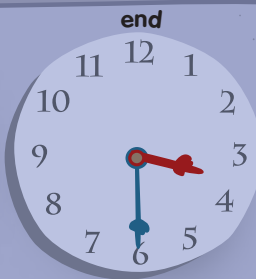
hours  minutes



hours  minutes



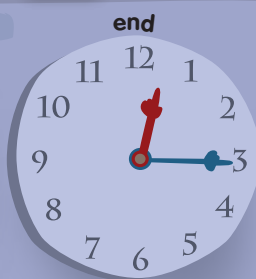
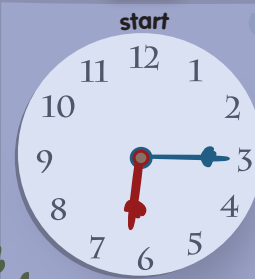
hours  minutes



hours  minutes



hours  minutes



hours  minutes

ANSWERS: 6h 30m, 3h 5m, 4h 30m, 6h 0m, 4h 30m, 8h 5m, 8h 45m, 11h 10m, 6h 0m.