



Number Sense

Telling Time

2



Learning Objective: recognise minutes past the hour.



Pants Past

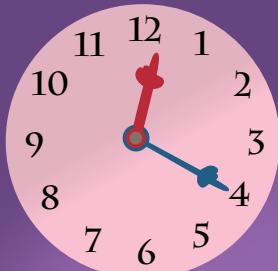
On this side of the clock all the minutes are called 'past'.



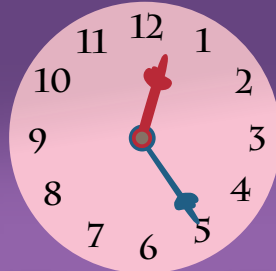
Mrs Minute remembers this by wearing purple pants and saying "pants past".

Write the number of minutes, then the number the hour hand has just gone past.

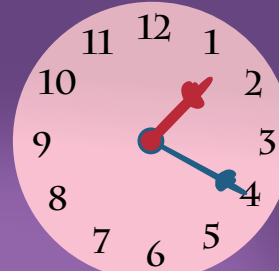
This one has been done for you!



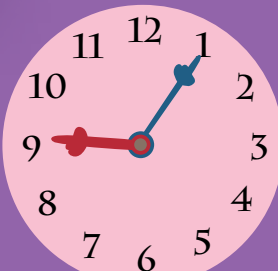
20 minutes past 12



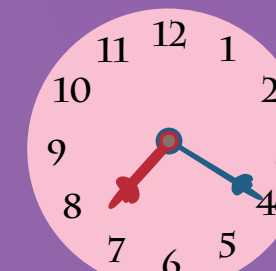
minutes past



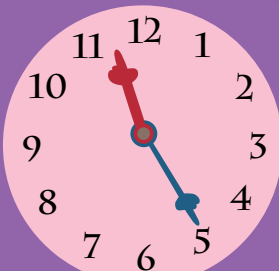
minutes past



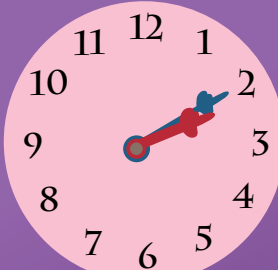
minutes past



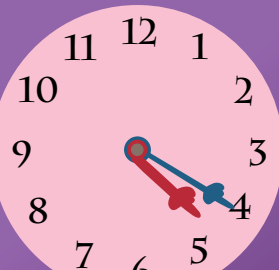
minutes past



minutes past



minutes past



minutes past

ANSWERS:
 20 minutes past 1
 25 minutes past 12
 20 minutes past 1
 5 minutes past 9
 20 minutes past 7
 25 minutes past 11
 10 minutes past 2
 20 minutes past 4



Half Past

When the Minute hand gets to the 6 it is half way round the clock.
Mrs Minute calls this '**half past**'.

The hour hand is now half-way between two hours.

Write the number the hour hand last went past.

This one
has been
done for
you!



half past

5



half past



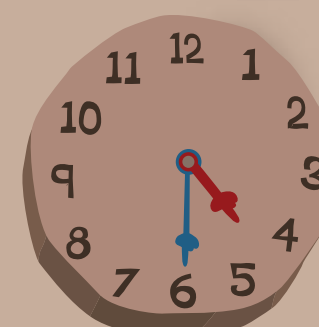
half past



half past



half past



half past



half past



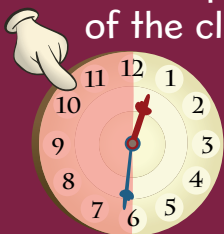
half past

ANSWERS: half past 5, half past 3, half past 9, half past 12, half past 10, half past 4, half past 6, half past 8.



Tutu To

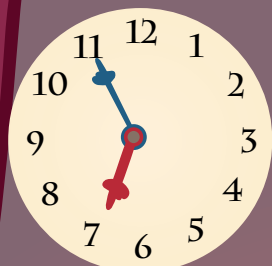
When the minute hand has passed the 6 it is going **towards** the 12.
On this side of the clock the times are called **'to'**.



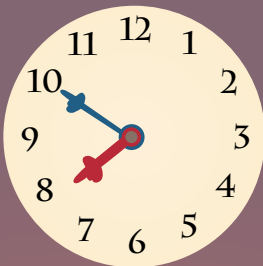
Mrs Minute remembers this by wearing a pink tutu and saying "tutu to".

Write how many minutes remain before the minute hand reaches the 12.
Write the number the hour hand is going towards.

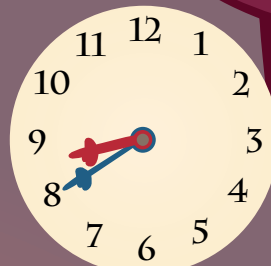
This one has been done for you!



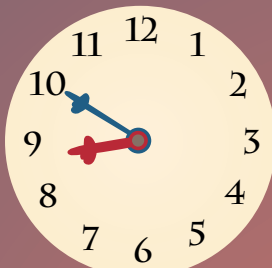
5 minutes to 7



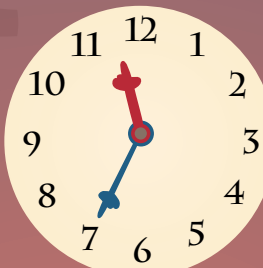
minutes to



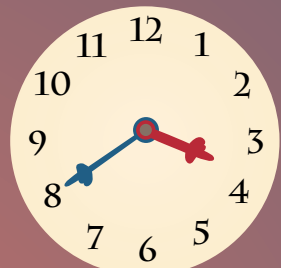
minutes to



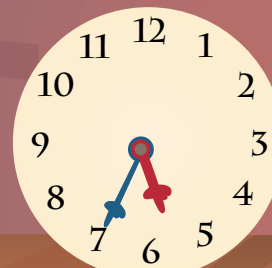
minutes to



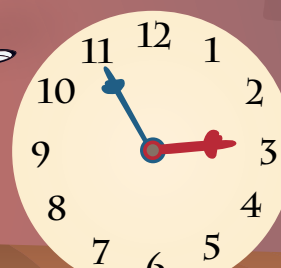
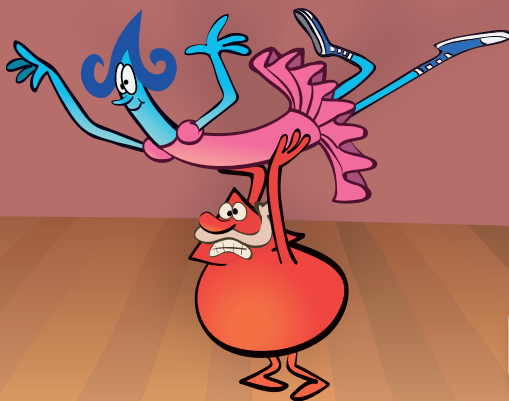
minutes to



minutes to



minutes to



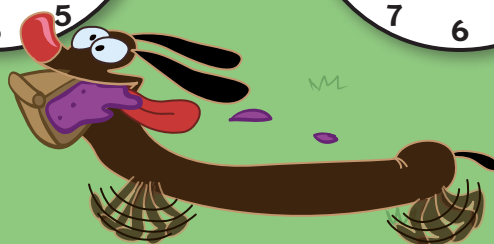
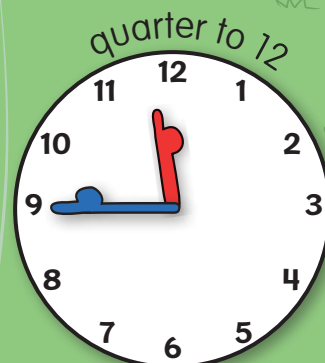
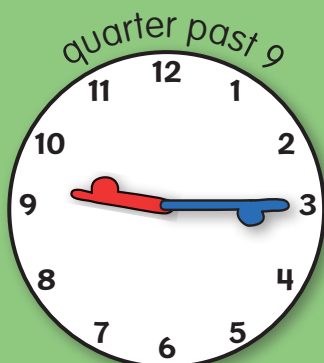
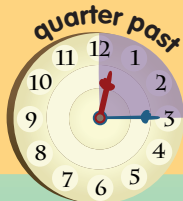
minutes to

ANSWERS: 5 minutes to 8, 20 minutes to 12, 20 minutes to 9, 10 minutes to 9, 25 minutes to 9, 25 minutes to 12, 20 minutes to 4, 25 minutes to 6, 5 minutes to 3.



Half Past, Quarter Past, Quarter To

Shade half the clock to show half past. Shade a quarter of the clock to show quarter past or quarter to.



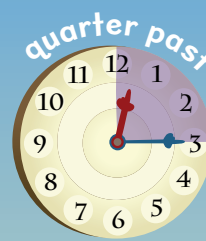


More Quarter Past and Quarter To



quarter to

Is the minute hand quarter past or quarter to?
At quarter past, write the hour that has just gone.
At quarter to, write the hour that is approaching.



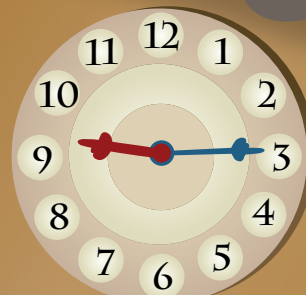
quarter past



quarter to 7

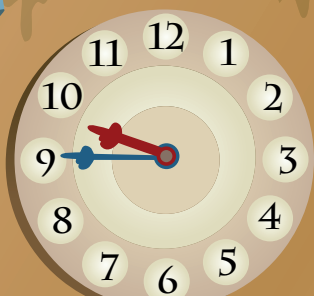


quarter

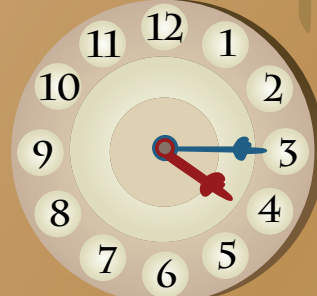


quarter

This one has been done for you!



quarter



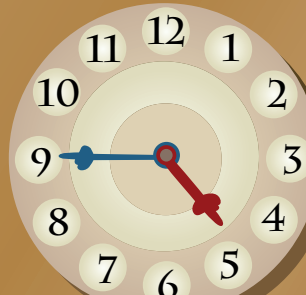
quarter



quarter



quarter



quarter

ANSWERS: quarter to 7, quarter past 8, quarter past 9, quarter past 10, quarter past 9, quarter past 4, quarter to 12, quarter to 5.



What is the Digital Time?

What is the time shown by the hands on the clockface?
Write the same time in hours and minutes on the digital clock.

We say 'ten past three' but in numbers it is the other way round - 3:10.

ten past three

twenty past four

five past seven

This one has been done for you!

03 : 10

:

:

quarter past eleven

twenty-five past three

:

:

We say 'ten to nine' but in numbers it is 08:50.

ten to nine

twenty to twelve

five to two

:

:

:

ANSWERS: 03:10, 04:20, 07:05, 11:15, 03:25, 08:50, 11:40, 01:55.



Where are the Clock Hands?

What is the time shown by the numbers on the digital clock?
Draw hands on the clockface to show the same time.

quarter past six



06 : 15

half past one



01 : 30

five past eight



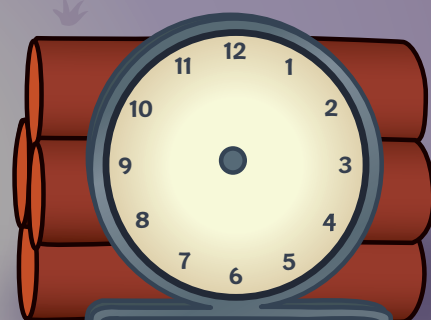
08 : 05

twenty past ten



10 : 20

ten past five



05 : 10

quarter to twelve



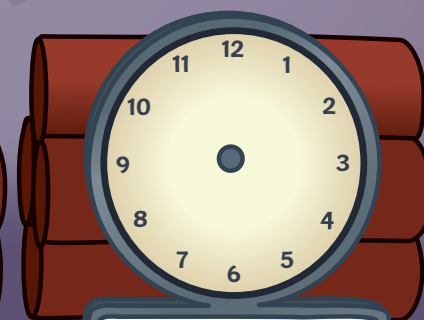
11 : 45

five to six



05 : 55

ten to three



02 : 50

This one
has been
done for
you!



Complete the Clocks

Look at the number of hours shown on the digital clock and draw the missing hour hand on the clockface. Look at the time shown by the minute hand and fill in the missing number of minutes on the digital clock.



06 :



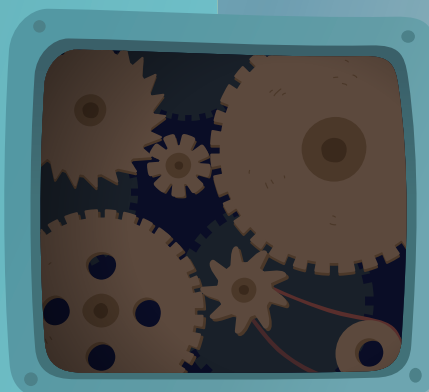
03 :



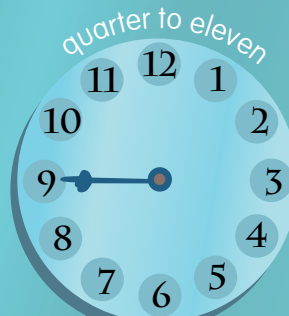
07 :



02 :



05 :



10 :



09 :



03 :

ANSWERS: 06:15, 03:25, 07:10, 02:30, 05:20, 10:45, 09:40, 03:55.



Find the Missing Time

Look at the time shown by the hour hand and fill in the missing number of hours on the digital clock. Look at the number of minutes shown on the digital clock and draw the missing minute hand on the clockface.

<p>ten past four</p> <p>:10</p>	<p>quarter past one</p> <p>:15</p>	<p>twenty past six</p> <p>:20</p>
<p>twenty-five past eight</p> <p>:25</p>	<p>?</p>	<p>five past five</p> <p>:05</p>
<p>quarter to eleven</p> <p>:45</p>	<p>ten to eight</p> <p>:50</p>	<p>twenty-five to four</p> <p>:35</p>

ANSWERS: 04:10, 01:15, 06:20, 08:25, 05:05, 10:45, 07:50, 03:35.



Saying and Writing Time

Read the time then write the number of hours and minutes in digital time.



We say 'ten past eight' but in numbers it is the other way round - 8:10.

This one has been done for you!



ten
past
eight

08:10

twenty
past
two

five
past
three

half
past
seven



five
to
twelve

quarter
to
six

ten
to
nine

twenty
to
one

ANSWERS: 08:10, 02:20, 03:05, 07:30, 11:55, 05:45, 08:50, 12:40.



AM-PM or 24 Hours

Mr Hour walks around the 12 hours of Clock Island twice in one day.
Mrs Minute walks around Clock Island 24 times in one day!

24 hours = 1 day

AM

PM

MIDNIGHT

MIDDAY

MIDNIGHT



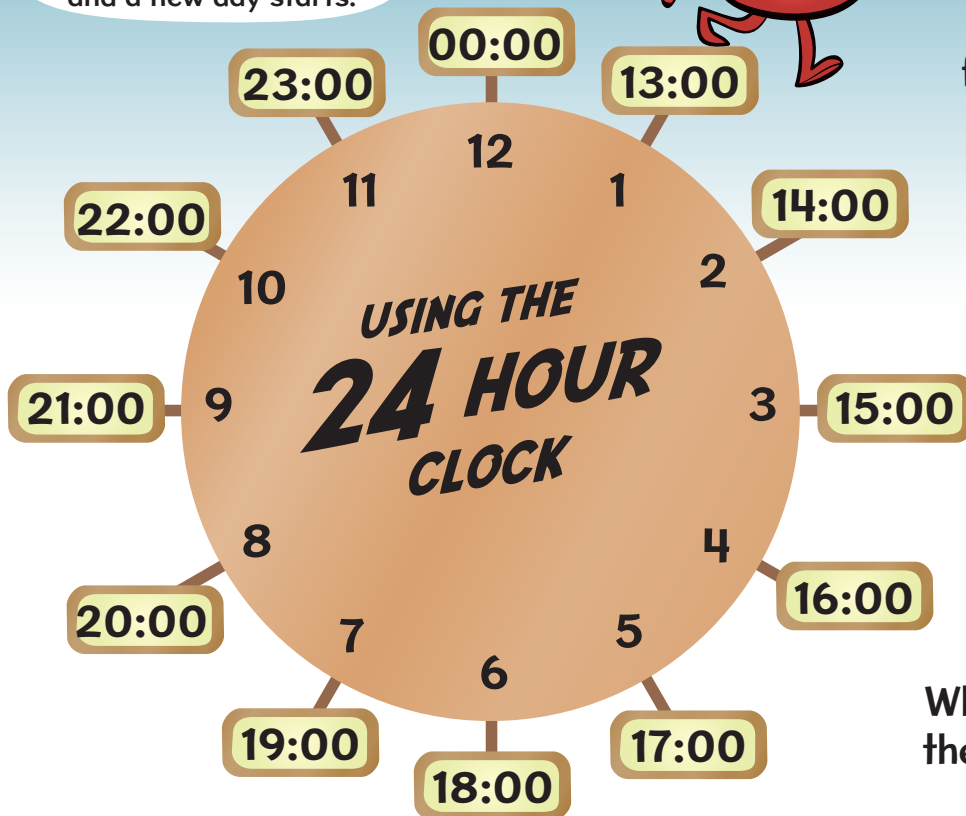
The 12 hours of AM

The 12 hours of PM

Instead of using AM PM
Mr Hour can use the
24 hour clock

1 o'clock PM
becomes
13:00

Instead of 24:00 the digital
clock is reset to zero
and a new day starts.



What are the
first 12 hours of
a day called?

Can you
answer my
questions?

What is 9pm using
the 24 hour clock?

ANSWERS: AM, 21:00.



Change PM to 24 Hours

To defeat Burtzilla, change the times from PM into 24 hours.

Add 12 hours to get
the 24 hour time.

02:30 PM

07:07 PM

09:36 PM

06:10 PM

04:22 PM

10:42 PM

01:18 PM

03:12 PM

11:53 PM

It is only the hours that change.
Leave the minutes the same.

ANSWERS: 14:30, 19:07, 21:36, 18:10, 16:22, 22:42, 13:18, 15:12, 23:53.

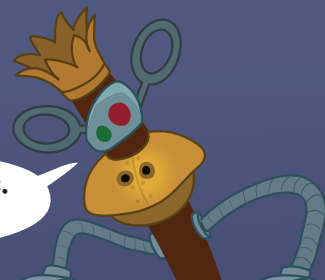


Change 24 Hours to PM

Burtzilla, has returned! To defeat the gorilla robot change each 24 hour time into PM.

Take away 12 hours to get the PM time.

It is only the hours that change.
Leave the minutes the same.

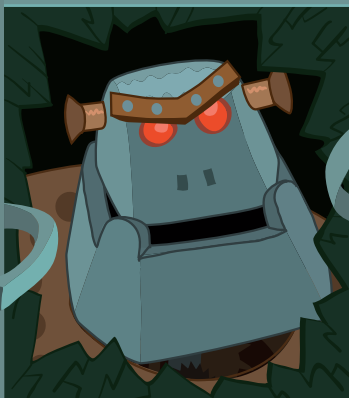


13:45

15:15

17:21

13:45



23:59

19:32

22:17

00:01

ANSWERS: 01:45 PM, 03:15 PM, 05:21 PM, 07:32 PM, 09:45 PM, 11:59 PM, 12:01 PM, 10:17 PM, 12:01 PM.



24 Hour Gorillas

1. Decide what you need to find out.

2. Find the numbers.

3. Do you need to add or subtract?

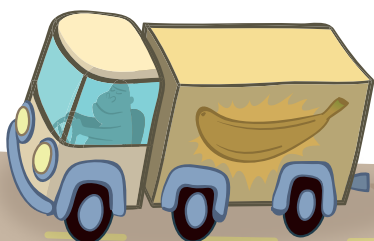
4pm - 2 hours

Zooch drives for 2 hours before he crashes the car at 4 pm.

What time did Zooch begin his car journey?

answer in PM

answer in 24 hours



A truck delivers bananas at 7pm.

The truck drove for 3 hours.

What time did the truck set off?

answer as PM

answer as 24 hours

Burt rides his bike for 5 hours and gets home at 6:30pm.

What time did he start to ride?

answer in PM

answer as 24 hours?



Minky has been skiing for 4 hours.

Minky finishes skiing at 7:30pm. What time did he start?



answer in PM

answer as 24 hours?

Shirley has been walking for 6 hours. She stops walking at 7pm.

What time did Shirley start walking?

answer in PM

answer in 24 hours



ANSWERS: 2 PM - 14:00, 4 PM - 16:00, 1:30 PM - 13:30, 3:30 PM - 15:30, 1 PM - 13:00.



Understanding Calendars

What **date** is your birthday?
Circle it on the calendar.

What **day** is your
birthday on this year?

How many days
are there in June?

How many Mondays
are there in August?

Which is
the shortest
month?

What day is
December 25th
on this year?

How many
days are there
in October?

These letters are for
days of the week.
The first 'S' stands
for Sunday.

Each line of numbers
represents a week.

January

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

March

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

May

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

June

S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

July

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

August

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

September

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

October

S	M	T	W	T	F	S
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

November

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

December

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

ANSWERS: 30 days in June, 4 Mondays in August, February is shortest, Tuesday, 31 days in October.



Burt's Train Timetable

STATION	Train 1	Train 2	Train 3
Burtington	10:00	11:15	12:45
Wellyloo	12:30	13:45	14:45
Bananaville	14:45	16:00	16:30
Great Minkyham	16:00	17:15	17:30

What time does train 3 leave from Burtington?

How long does it take train 1 to go from Burtington to Wellyloo?

What time does train 2 arrive at Bananaville?

If train 3 was running 30 minutes late what time would it arrive at Great Minkyham?

Which train is the fastest?



ANSWERS: Train 3 leaves at 12:45, Train 1 takes 4 hours, Train 2 arrives at 16:00, Train 3 would arrive at 18:00, Train 3 is fastest.