

Monday 8<sup>th</sup> June 2020

L.O. I am learning to revise  
months and years.

Key vocabulary: seconds   minute   hour   day   month   year   leap year

Monday 8<sup>th</sup> June 2020

L.O. I am learning to revise months and years.

Today we are revising months and years.

Watch this clip on time to refresh your memory and complete the worksheet.

Today's clip:

[https://www.youtube.com/watch?v=bZD\\_BhtiXuU](https://www.youtube.com/watch?v=bZD_BhtiXuU)

Key vocabulary: seconds minute hour day month year leap year



# Monday 8<sup>th</sup> June 2020

## L.O. I am learning to revise months and years.

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.


**Months and years**

1 Use a calendar to help you answer the questions.

a) How many days are in each month in a normal calendar year?


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

b)

 There are more days in a leap year, so all of the answers to part a) will change.

Do you agree with Tommy? \_\_\_\_\_  
 Explain your answer.

2 2020 is a leap year.

 There are 365 days in the year 2020.

a) Do you agree with Rosie? \_\_\_\_\_  
 Talk about it with a partner.

b) When will the next three leap years be?  
       

3 Here is a calendar from December 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			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	

a) What day of the week was 25 December in 2016? \_\_\_\_\_

b) Jack's birthday is on 17 December.  
 What day of the week was his birthday in 2016? \_\_\_\_\_

c) How many days are there between Jack's birthday and Boxing Day? \_\_\_\_\_

d) What day of the week was New Year's Day in 2017? \_\_\_\_\_

e) What was the date on the last Thursday of November 2016? \_\_\_\_\_

4 Write <, > or = to complete the statements.

a) 1 week  8 days  
 b) 8 days  2 weeks  
 c) 3 weeks  1 month  
 d) 5 weeks  1 month  
 e) 12 months  1 year  
 f) 2 years  22 months  
 g) 36 months  3 years

5 The number line represents one year.




a) Complete the boxes with an estimate of the date.  
 The first one has been done for you.

1 Jan           

b) Estimate where these dates belong and label them on the number line.  
 2 April    20 September    28 February

Compare answers with a partner.

6 Jack, Eva, Whitney and Ron were all born in the same year.

 My birthday is between Eva's and Ron's.  
 I am the oldest.  
 I am older than Ron.

Match the birthday to the child.

Jack     Eva     Ron     Whitney

2 November    31 January    15 June    4 May

7 Huan, Dani and Filip are counting up in different numbers of days.  
 Huan starts on 1 July and counts in 2s.  
 Dani starts on 31 May and counts in 5s.  
 Filip starts on 30 May and counts in 3s.

Who will reach August first? \_\_\_\_\_

May	June	July	August
1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3
8 9 10 11 12 13 14	8 9 10 11 12 13 14	8 9 10 11 12 13 14	
15 16 17 18 19 20 21	15 16 17 18 19 20 21	15 16 17 18 19 20 21	
22 23 24 25 26 27 28	22 23 24 25 26 27 28	22 23 24 25 26 27 28	
29 30 31	29 30	29 30 31	

Key vocabulary:    seconds    minute    hour    day    month    year    leap year



## Challenges:

Put these dates in order from earliest to latest in a year.

3<sup>rd</sup> March

2<sup>nd</sup> March

January 31<sup>st</sup>

1<sup>st</sup> December

Earliest

Latest

Whitney asks Rosie and Jack a question.

Some months have 31 days, some months have 30 days. How many months have 28 days?



Only February has 28 days.

Rosie



Every month has 28 days.

Jack

Who do you agree with? Explain your thinking.

4 children describe their birthdays.



My birthday is the first day of the second month.

Mo

I was born on the 15<sup>th</sup> of June.



Teddy



I was born on the last day of the year!

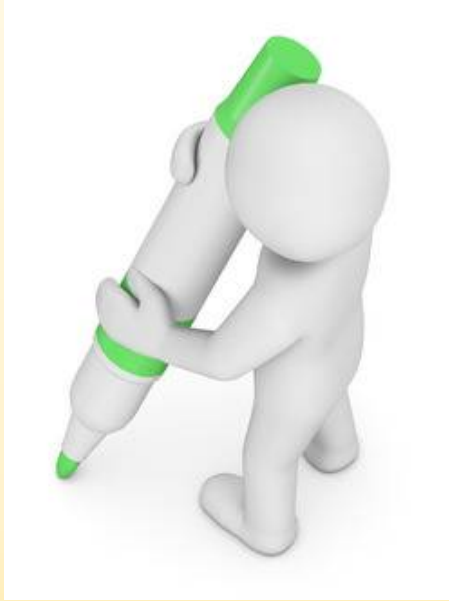
Eva

I was born two days before Mo.



Dora

Can you work out their birthdays and order them from earliest to latest in the year?



Well done!

Now it's time to check your work.

Tuesday 9<sup>th</sup> June 2020

L.O. I am learning to compare  
hours in a day.

Today we are using what we know about time to compare amounts of time.

Key vocabulary: seconds    minute    hour    day    week    month    year    leap year

Tuesday 9<sup>th</sup> June 2020

L.O. I am learning to compare hours in a day.

If we know, 1 day = 24 hours  
2 days = ? hours



I can work this out by doing  $24 + 24 = 48$   
So there in 2 days there are 48 hours.

Challenge: ? days = 72 hours

If we know, 1 weeks = 7 days  
2 weeks = ? days

Now try  
these

Challenge: ? weeks = 42 days

**Time Equivalents**

- 60 seconds=1 minute
- 60 minutes=1 hour
- 24 hours=1 day
- 7 days=1 week
- 52 weeks=1 year
- 12 months=1 year
- 365 days=1 year
- 10 years=1 decade
- 100 years=1 century

Key vocabulary: seconds minute hour day week month year leap year

Tuesday 9<sup>th</sup> June 2020

L.O. I am learning to compare hours in a day.



A school week is 5 days long.

But a whole week is 7 days long.

If we go to school for 4 weeks, how many days do we spend in school?

But how many days are in 4 whole weeks?  
Is there a difference?



Tuesday 9<sup>th</sup> June 2020

L.O. I am learning to compare hours in a day.

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

**Hours in a day**

1 Write the times of day in order of when they happen.  
afternoon morning midnight midday evening

2 Match the description to the correct number.

months in a year	5
days in a week	168
hours in a day	31
days in a non-leap year	7
hours in a week	24
days in a school week	365
maximum number of days in a month	12

3 Fill in the missing numbers.

a) 1 day = 24 hours  
 days = 48 hours  
4 days =  hours  
 days = 960 hours  
41 days =  hours

b) 1 week = 7 days  
2 weeks =  days  
 weeks = 21 days  
60 weeks =  days  
63 weeks =  days

4 Aisha arrives home at 11 o'clock.

Dora: It must be nearly lunchtime.  
Amir: It must be dark outside.

Who do you agree with? \_\_\_\_\_  
Explain your answer.  
\_\_\_\_\_  
\_\_\_\_\_

5 There are 5 days in a school week.

a) What is the difference in the number of days in 4 school weeks compared to 4 whole weeks?

b) There are 7 hours in a school day.  
How many more hours are there in 5 full days than 5 school days?

6 Kim and Dexter are working out how many more hours are in the month of August than September.

I can work out how many hours are in August in total, how many hours are in September in total and subtract one from the other.

Kim thinks there is an easier way of working it out.  
What might Kim's method be?  
Talk about it with a partner.

7 Brett knows that there are 24 hours in one day, 48 hours in two days and 72 hours in three days.  
Use these facts to work out how many hours there are in each month.

April   
January   
February of a non-leap year   
February of a leap year

8 There are more days in October than September.  
Therefore, there are more school days in October than September.  
Is this always, sometimes or never true?  
\_\_\_\_\_

9 Esther goes to school for 5 hours each day.  
There are no school holidays in the month of March.  
How many hours could Esther spend at school in March?

Compare answers with a partner.

Key vocabulary: seconds minute hour day week month year leap year



## Challenges:

Complete the statements.

$$1 \text{ day} = 24 \text{ hours} \qquad \text{--- days} = 120 \text{ hours}$$

$$2 \text{ days} = \text{--- hours} \qquad \text{--- days} = 60 \text{ hours}$$

$$\text{--- days} = 240 \text{ hours} \qquad 20 \text{ days} = \text{--- hours}$$



Mo

I get up at 7 o'clock in the morning and go to bed at 7 o'clock at night. This means I have been awake for a full day.

Do you agree with Mo?  
Explain your answer.

Su	Mo	Tu	We	Th	Fr	Sa
	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			

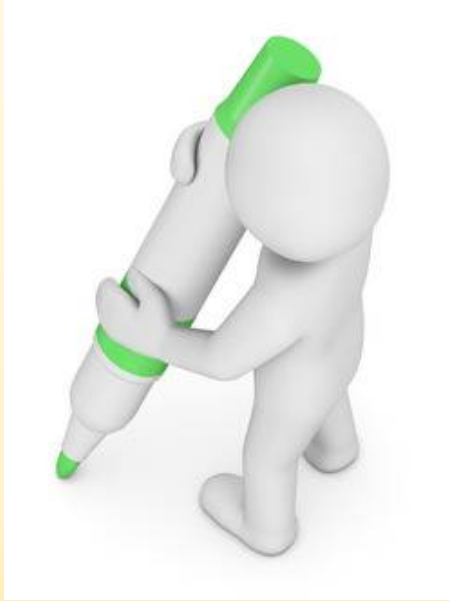
In this month, there are no school holidays.

In this month we have to come to school for 31 days.



Teddy

Do you agree with Teddy?  
Explain your thinking.  
Which month could it be?



Well done!

Now it's time to check your work.

Wednesday 10<sup>th</sup> June 2020

L.O. I am learning to tell the  
time to the nearest 5 minutes.

Key vocabulary: seconds minute hour clock hands analogue time

Wednesday 10<sup>th</sup> June 2020

L.O. I am learning to tell the time to the nearest 5 minutes.

Today we are telling the time to the nearest 5 minutes.

Watch these clips to refresh your memory on reading time, focussing on the nearest 5 minutes.

Today's clips:

<https://www.youtube.com/watch?v=h6RNkQ7IU8Y>

<https://www.youtube.com/watch?v=jGtBYUQKF4M>



Key vocabulary: seconds    minute    hour    clock    hands    analogue    time

Use this to help you with your activity today.



Key vocabulary: seconds minute hour clock hands analogue time

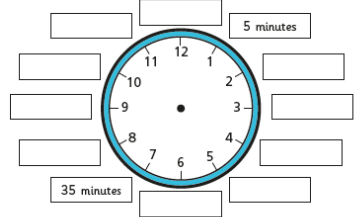
Wednesday 10<sup>th</sup> June 2020

L.O. I am learning to tell the time to the nearest 5 minutes.

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

**Telling the time to 5 minutes**

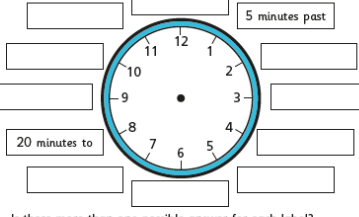
1 Label the clock to show the number of minutes past the hour.



5 minutes

35 minutes

2 Label the clock to show what time would be shown if the minute hand was pointing to each interval.




5 minutes past

20 minutes to

Is there more than one possible answer for each label?


White Rose Maths


3  The hour hand is pointing just after 5 and the minute hand is pointing to 2, so the time is 2 minutes past 5.


What mistake has Ron made?


What time is it? \_\_\_\_\_

4 What time is shown on each clock?

a)  \_\_\_\_\_ minutes past \_\_\_\_\_

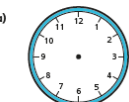
b)  \_\_\_\_\_ minutes to \_\_\_\_\_


c)  \_\_\_\_\_ minutes past \_\_\_\_\_

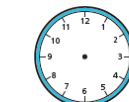
d)  \_\_\_\_\_ minutes to \_\_\_\_\_


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5 Draw the hands on the clocks to show the correct times.


a)  15 minutes past 6

b)  15 minutes to 9

c)  25 minutes to 9

d)  5 minutes to 12

6 Jack wants to tell the time, but the hour hand has fallen off the clock.



There are 12 different possible times it could be during a full day.

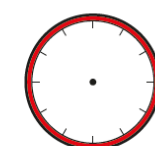
Do you agree with Jack? \_\_\_\_\_

Talk about it with a partner.

7 The minute hand and the hour hand of a clock are both pointing to an even number. It is before midday. What times could it be? Give three possible answers.

Compare answers with a partner. Can you find any more?

8 The numbers of the clock face were written in Roman numerals but they have been rubbed off. The current time has a V in the hour and a V in the minutes.



What time could it be? Draw your answer on the clock. Are there any other answers?

Talk about it with a partner.

White Rose Maths

Key vocabulary: seconds minute hour clock hands analogue time



## Challenges:

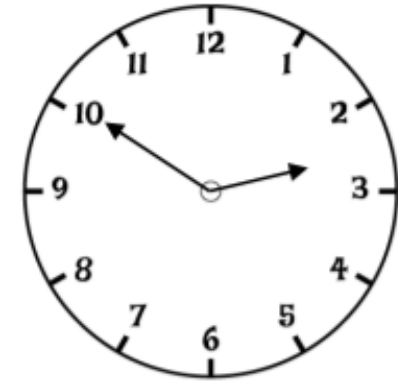
Draw the hands on the clock  
to show the time:

25 minutes to 6



This clock has lost its minute hand.

What time could it be?  
Justify your answer.



Dora

The clock shows ten  
minutes to 3

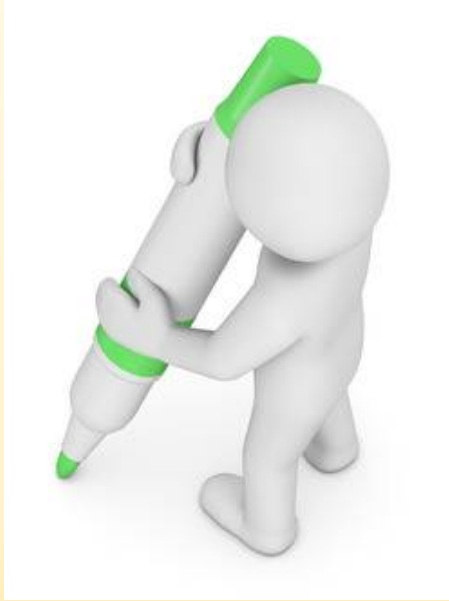
The hour hand is not  
quite pointing to the 3,  
so it must be ten to 2



Amir

Who do you agree with?  
Explain your thinking.





Well done!

Now it's time to check your work.

Thursday 11<sup>th</sup> June 2020

L.O. I am learning to tell the  
time to the nearest minute.

Key vocabulary: seconds minute hour clock hands analogue time

Thursday 11<sup>th</sup> June 2020

L.O. I am learning to tell the time to the nearest minute.

Today we are telling the time to the nearest minute.

Watch this clip to on reading the time,  
focussing on the nearest 1 minute.

The second video explains how to count on each minute.

Today's clips:

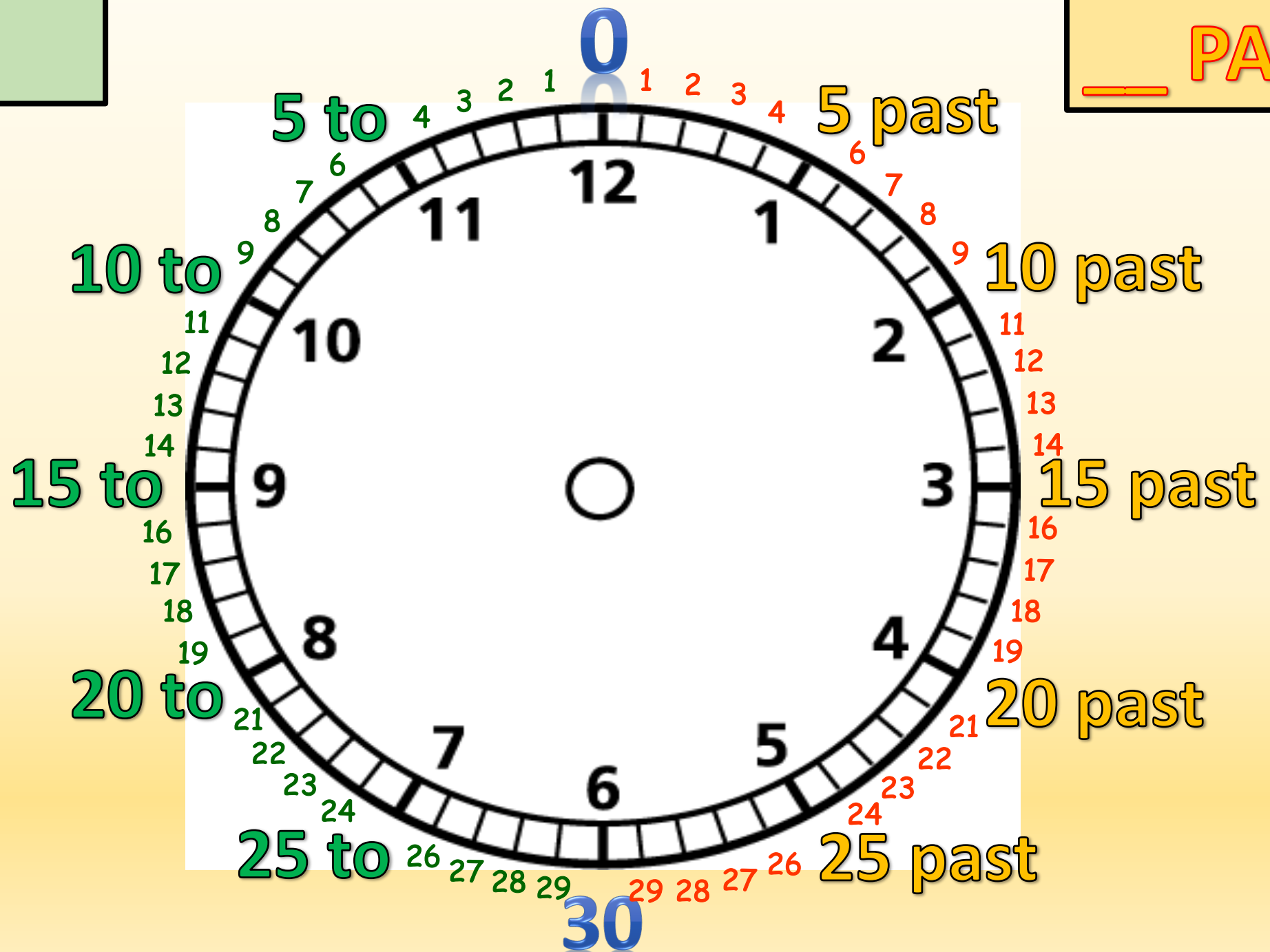
<https://www.youtube.com/watch?v=3eBIDlvDgg0>

<https://www.youtube.com/watch?v=f1AavpvRLvo>

Key vocabulary: seconds minute hour clock hands analogue time

TO

PAST



Use this to help you with your activity today.

Thursday 11<sup>th</sup> June 2020


L.O. I am learning to tell the time to the nearest minute.


Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.


**Telling the time to the minute**


1 Complete the sentences.  
When the minute hand is pointing to 4 it is  minutes past the hour.  
When the minute hand is pointing to 5 it is  minutes past the hour.

2 Complete the times shown on each clock.

a)   minutes past 2

b)   minutes past 2

c)   minutes past

d)  \_\_\_\_\_

3 Complete the additions.  
a)  $51 + \square = 60$       d)  $43 + \square = 60$   
b)  $31 + \square = 60$       e)  $48 + \square = 60$   
c)  $39 + \square = 60$       f)  $\square + 11 = 60$

4 Write the missing numbers on the number lines.

a) minutes." data-bbox="295 568 441 638"/>

b) minutes." data-bbox="295 668 441 738"/>


c) minutes and a jump of 12 minutes." data-bbox="295 768 441 838"/>


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5 Complete the times to make the statements correct.

a) 51 minutes past 1 =  minutes to 2  
b) 51 minutes past 7 =  minutes to   
c) 34 minutes past  =  minutes to 8  
d) 44 minutes past 12 =  minutes to   
e)  minutes past  = 1 minute to 10

6 Complete the times shown on each clock.

a)   minutes past 2  
 minutes to 3


b)   minutes past   
 minutes to


7  The time is 55 minutes past 7 so it is 45 minutes to 8.

a) What mistake has Rosie made?  
\_\_\_\_\_


b) What is the correct time?  
\_\_\_\_\_


8 Draw the hands on the clocks to show the correct times.


a)  28 minutes to 6

b)  6 minutes to 12

9 Tommy, Whitney and Alex are telling the time.

 It is 4 minutes to 5  
Tommy

 It is 14 minutes to 5  
Alex

 It is 24 minutes to 5  
Whitney

a) Who is correct? \_\_\_\_\_  
b) What mistake have the other two children made?  
\_\_\_\_\_

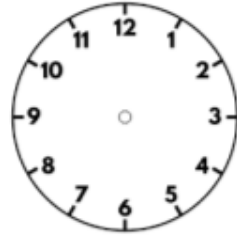
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Key vocabulary: seconds      minute      hour      clock      hands      analogue      time

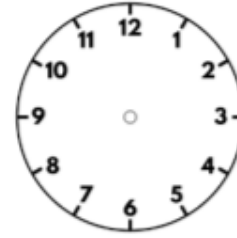


## Challenges:

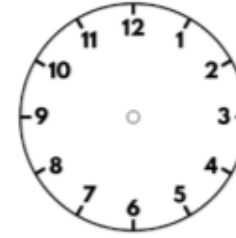
Draw the hands on the clock from the following times.



Four minutes to 4



24 minutes to 8

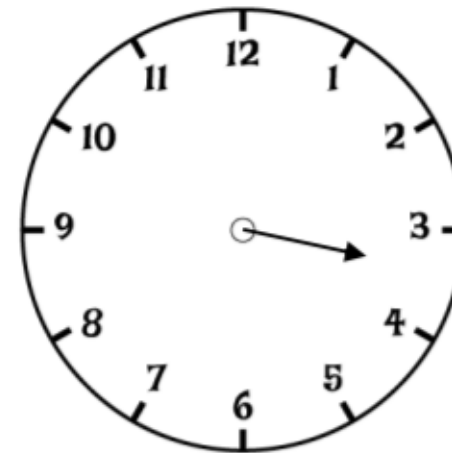


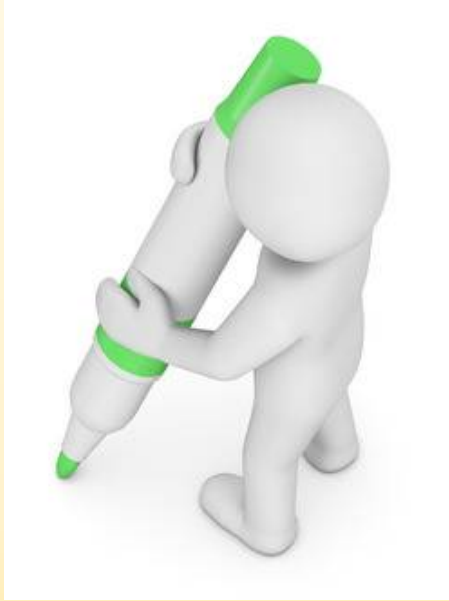
24 minutes past 8

This clock has lost its hour hand.  
What time could it be?



This clock has lost its minute hand.  
What time could it be?





Well done!

Now it's time to check your work.

Friday 12<sup>th</sup> June 2020

L.O. I am learning to compare  
time using a.m. and p.m.

Key vocabulary: a.m. p.m. earlier later day order time



Friday 12<sup>th</sup> June 2020

L.O. I am learning to compare time using a.m. and p.m.

Today we are describing time using a.m. and p.m.

Watch these clips to on reading the time,  
focussing on how to use a.m. and p.m.

We use a.m. and p.m. to describe what time of day things happen.

Today's clips:

<https://www.youtube.com/watch?v=zaOc-4TA4lk>

<https://www.youtube.com/watch?v=xrwQIYmoYhs>

Key vocabulary: a.m. p.m. earlier later day order time

Friday 12<sup>th</sup> June 2020

L.O. I am learning to compare time using a.m. and p.m.

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

Using am and pm


1 Sort the events into the time of day that they might happen.

sunrise	go to school	alarm goes off	after school club
school play rehearsal	eat breakfast	go home from school	football match
breakfast club	gymnastics practice	lunch	wake up

Morning	Afternoon


Compare answers with a partner.

2 One of the times is when Dexter starts school.

  8:45 am  8:45 pm

Which do you think it is? Tick your answer.  
Talk about it with a partner.

3 One of the times is when Rosie goes to bed.

  7:30 am  7:30 pm

Talk about it with a partner.

4 Tick the earliest time in each set.

a)  9:13 am  6:18 am  10:11 am  7:59 am

b)  9:13 pm  6:18 pm  10:11 pm  7:59 pm

c)  9:13 am  6:18 pm  10:11 pm  7:59 am

d)  12:13 am  11:18 pm  12:11 pm  7:59 am


5 Tick the latest time in each set.

a)  9:13 am  6:18 am  10:11 am  7:59 am

b)  9:13 pm  6:18 pm  10:11 pm  7:59 pm

c)  9:13 am  6:18 pm  10:11 pm  7:59 am

d)  12:13 am  11:18 pm  12:11 pm  7:59 am


6  12:15 pm is later than 4:00 pm because 12 is greater than 4

Do you agree with Annie? \_\_\_\_\_  
Talk about it with a partner.


7 Write the times in order from earliest to latest.

a)  10:12 am  10:04 pm  7:15 am  12:10 pm

b)  1:11 am  12:41 pm  6:51 pm  8:19 am


8  It is half past 9 in the morning.

Show this time on both clocks.



Compare answers with a partner.

9 Tom gets to the cinema at this time in the evening.



Here are the film times.

9:00 am	12:15 pm	3:00 pm
6:30 pm	7:15 pm	9:00 pm

Which showing should Tom go to? \_\_\_\_\_  
Talk about your answer with a partner.

Key vocabulary: a.m. p.m. earlier later day order time



## Challenges:

Sort the times from latest to earliest.

5:30 p.m.

9:45 a.m.

9:45 p.m.

10:23 a.m.



Dora

I slept from 8 p.m. to 8 a.m.



Teddy

I slept from 8 a.m. to 8 p.m.

Who is more likely to be correct?  
Explain how you know.

Sort the times from latest to earliest.

5:30 p.m.

9:45 a.m.

9:45 p.m.

10:23 a.m.

7:31 a.m.

10:13 p.m.

8:30 a.m.

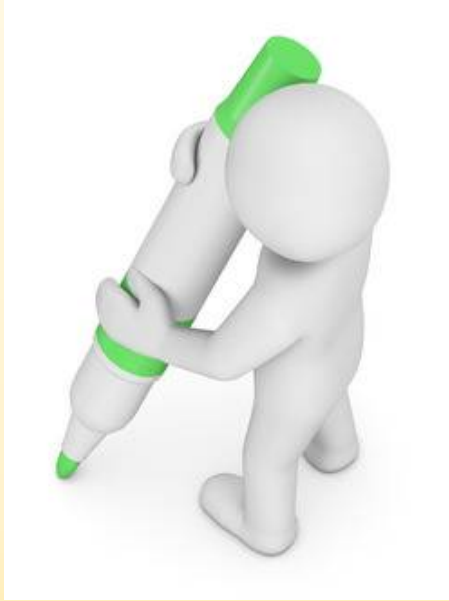
6:32 a.m.

12:24 a.m.

8:55 p.m.

2:11 a.m.

7:40 a.m.



Well done!

Now it's time to check your work.