

1. Watch the video about **o'clock** and **half past** <https://www.bbc.co.uk/bitesize/topics/zhk82hv/articles/zcmdwxs>
2. Read the information about **o'clock**
3. Read the information about **half past**
4. In your book, complete the questions about the **telling the time to half past the hour**

Model:

1.



<https://www.bbc.co.uk/bitesize/topics/zhk82hv/articles/zcmdwxs>

3.



When the time is **half past**, the **long minute hand** *always* points to **6**.

The **shorter hour hand** points in between the middle of two hours.

For example: The minute hand is at 6 and the hour hand is between 3 and 4 so; **It is half past 3.**

2.



When the time is **o'clock**, the **long minute hand** *always* points to **12**.

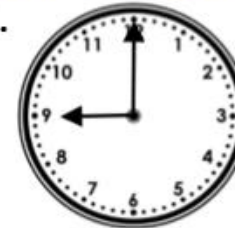
The **shorter hour hand** points to what time it is.

For example: The minute hand is at 12 and the hour hand is at 1 so; **It is 1 o'clock.**

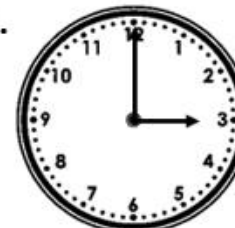
4.

It is \_\_\_\_\_ o'clock.

1.



2.



3.



4.



It is \_\_\_\_\_ past \_\_\_\_\_.

1.



2.



3.



4.



Canonbury Home Learning  
Year 2/3 Maths

Lesson 3 – 10.06.2020

LO: To know the number of minutes in an hour and the number of hours in a day/to know the number of seconds in a minute and the number of days in each month, year and leap year

Task:

You are going to be learning about **hours and days** and/or **months and years**

Success Criteria:

1. Read the information about **minutes in an hour** and **hours in a day**
2. Read the information about **days in a week, days in a month, weeks in a year, and months in a year**
3. **Task 1:** Match the time **hours and minutes** with the equivalent (same) time in **minutes** – *if helpful, use pictorials like lines and dots to aid addition*
4. **Task 2:** Complete the tables using the information about **months and years**

**Model:**

1. 60 seconds = 1 minute  
30 minutes = half an hour  
60 minutes = 1 hour  
90 minutes = 1 and a half hours  
120 minutes = 2 hours  
24 hours = 1 day

2. 24 hours = 1 day  
48 hours = 2 days  
7 days = 1 week  
14 days = 2 weeks (fortnight)  
365 days = 1 year  
366 days = 1 leap year  
52 weeks = 1 year  
12 months = 1 year

3.

1 hour 5 minutes	75 minutes
1 hour 20 minutes	65 minutes
1 hour 15 minutes	80 minutes

1 hour 5 minutes = 65 minutes  
1 hour 20 minutes = 80 minutes  
1 hour 15 minutes = 75 minutes

4.

Number of days in the fifth month of the year	31 (May)
Number of days in 2019	365
Number of days in February in a <u>leap</u> year	29

January = 31 days	May = 31 days	September = 30 days
February = 28 days (29 on a leap year)	June = 30 days	October = 31 days
March = 31 days	July = 31 days	November = 30 days
April = 30 days	August = 31 days	December = 31 days

Task 1	Task 2																																																					
<p><b>Practice</b> <u>Match the minutes to the correct number of hours:</u></p> <p><b>1a.</b></p> <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px; width: 50%;">1 hour 40 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px; width: 50%;">115 minutes</td> </tr> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">1 hour 55 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">85 minutes</td> </tr> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">1 hour 25 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">100 minutes</td> </tr> </table> <hr style="border: 1px solid pink;"/> <p><b>1b.</b></p> <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">1 hour 50 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">95 minutes</td> </tr> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">1 hour 35 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">110 minutes</td> </tr> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">1 hour 10 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">70 minutes</td> </tr> </table> <hr style="border: 1px solid pink;"/> <p><b>1c.</b></p> <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">2 hours 45 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">125 minutes</td> </tr> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">2 hours 5 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">180 minutes</td> </tr> <tr> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">3 hours 0 minutes</td> <td style="border: 1px solid blue; border-radius: 10px; padding: 5px;">165 minutes</td> </tr> </table> <p><b>Complete the sentence stems:</b></p> <p><b>2a.</b> There are ____ hours in a day.</p> <table style="margin-left: 40px; border: none;"> <tr> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">24</td> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">40</td> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">48</td> </tr> </table> <p><b>2b.</b> There are 48 hours in ____ days.</p> <table style="margin-left: 40px; border: none;"> <tr> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">2</td> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">1</td> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">3</td> </tr> </table> <p><b>2c.</b> There are ____ hours in 1 and a half days.</p> <table style="margin-left: 40px; border: none;"> <tr> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">24</td> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">30</td> <td style="border: 1px solid green; border-radius: 10px; padding: 2px 10px;">36</td> </tr> </table>	1 hour 40 minutes	115 minutes	1 hour 55 minutes	85 minutes	1 hour 25 minutes	100 minutes	1 hour 50 minutes	95 minutes	1 hour 35 minutes	110 minutes	1 hour 10 minutes	70 minutes	2 hours 45 minutes	125 minutes	2 hours 5 minutes	180 minutes	3 hours 0 minutes	165 minutes	24	40	48	2	1	3	24	30	36	<p><b>Practice</b> <u>Draw and complete the tables:</u></p> <p><b>1a.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Number of days in the ninth month of the year</td> <td style="width: 100px;"></td> </tr> <tr> <td style="padding: 5px;">Number of months in 2010</td> <td></td> </tr> <tr> <td style="padding: 5px;">Number of days in _____ in a leap year</td> <td style="text-align: center; padding: 5px;">29</td> </tr> </table> <p><b>1b.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Number of days in the month before June</td> <td></td> </tr> <tr> <td style="padding: 5px;">Number of days in 201____</td> <td style="text-align: center; padding: 5px;">366</td> </tr> <tr> <td style="padding: 5px;">Number of months between March and July</td> <td></td> </tr> </table> <p><b>1c.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Number of days in March and April</td> <td></td> </tr> <tr> <td style="padding: 5px;">Number of days in 2 non-leap years</td> <td></td> </tr> <tr> <td style="padding: 5px;">Number of _____ in two years</td> <td style="text-align: center; padding: 5px;">24</td> </tr> </table> <p><b>Write the date a week <i>later</i>:</b></p> <p><b>2a.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">5<sup>th</sup> July</td> <td></td> </tr> <tr> <td style="padding: 5px;">2<sup>nd</sup> February</td> <td></td> </tr> </table> <p><b>Write the date a week <i>earlier</i>:</b></p> <p><b>2b.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">3<sup>rd</sup> January 2018</td> <td></td> </tr> <tr> <td style="padding: 5px;">4<sup>th</sup> April 2013</td> <td></td> </tr> </table>	Number of days in the ninth month of the year		Number of months in 2010		Number of days in _____ in a leap year	29	Number of days in the month before June		Number of days in 201____	366	Number of months between March and July		Number of days in March and April		Number of days in 2 non-leap years		Number of _____ in two years	24	5 <sup>th</sup> July		2 <sup>nd</sup> February		3 <sup>rd</sup> January 2018		4 <sup>th</sup> April 2013	
1 hour 40 minutes	115 minutes																																																					
1 hour 55 minutes	85 minutes																																																					
1 hour 25 minutes	100 minutes																																																					
1 hour 50 minutes	95 minutes																																																					
1 hour 35 minutes	110 minutes																																																					
1 hour 10 minutes	70 minutes																																																					
2 hours 45 minutes	125 minutes																																																					
2 hours 5 minutes	180 minutes																																																					
3 hours 0 minutes	165 minutes																																																					
24	40	48																																																				
2	1	3																																																				
24	30	36																																																				
Number of days in the ninth month of the year																																																						
Number of months in 2010																																																						
Number of days in _____ in a leap year	29																																																					
Number of days in the month before June																																																						
Number of days in 201____	366																																																					
Number of months between March and July																																																						
Number of days in March and April																																																						
Number of days in 2 non-leap years																																																						
Number of _____ in two years	24																																																					
5 <sup>th</sup> July																																																						
2 <sup>nd</sup> February																																																						
3 <sup>rd</sup> January 2018																																																						
4 <sup>th</sup> April 2013																																																						

**Task 3**

**Reasoning**

**Explain your answers.**

5a. Abi and Liam are talking about hours and minutes.



Abi

1 hour and 35 minutes is 135 minutes.



Liam

1 hour and 35 minutes is 95 minutes.

Who do you agree with? Explain why.

6a. Sort the times into the table below. Which time does not fit in the table? Explain why.

Less than 90 minutes	From 90 minutes to 110 minutes

- 1 hour 45 minutes
- 1 hour 30 minutes
- 1 hour 10 minutes
- 1 hour 55 minutes
- 1 hour 50 minutes

7a. Are the following statements always true, sometimes true or never true?

- A. There are 28 days between 01/02 and 01/03
- B. There are 366 days in 2020
- C. There are 90 days in 3 consecutive months
- D. The day before 1<sup>st</sup> September is 31<sup>st</sup> August

Explain your reasoning.

**Task 4**

**Problem solving**

4b. Use the digit cards to create different lengths of time to make the statement correct.



hours < 2 days

7b. Use the digit cards to create different lengths of time to make the statement correct.



hours > 1 and a half days

9b. Complete the table about the siblings' dates of birth using the information below.

Mateo	30	/	<input type="text"/>	/	1999
<input type="text"/>	<input type="text"/>	/	<input type="text"/>	/	2012
Cara	<input type="text"/>	/	2	/	2008

Mateo's birthday is the fourth month of the year.  
 Harry's birthday is 2 weeks after Mateo's.  
 Cara's birthday is on the last day of the month in a leap year.  
 Harry is the youngest.

**Challenge**

**1. Read the information about Alice to work out the answers to the questions below.**

I was born on 29<sup>th</sup> February 2004 and I am 15 years old. When it is a leap year, I celebrate my birthday on 29<sup>th</sup> February but all other years I celebrate on the 28<sup>th</sup>. My grandma sends me an extra special birthday card when I celebrate on the 29<sup>th</sup>.



- A. List the years when Alice has been able to celebrate on 29<sup>th</sup> February.**
- B. List the years when Alice has celebrated on 28<sup>th</sup> February.**
- C. How many extra special birthday cards has she received?**
- D. Will she receive an extra special card from her grandma on her 18<sup>th</sup> birthday?**