

**TARGET** To compare lengths of time in terms of seconds, minutes and hours.

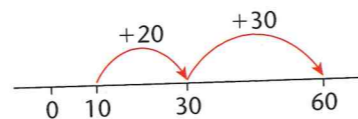
60 seconds = 1 minute  
60 minutes = 1 hour  
24 hours = 1 day

**Example**

How many minutes are left in the hour if the time is 3:10?

Answer

50 minutes are left. ( $60 - 10 = 50$ )



**A**

How many seconds make:

- 1 1 minute
- 2 2 minutes
- 3 half a minute
- 4 one and a half minutes?

How many minutes make:

- 5 one hour
- 6 a quarter of an hour
- 7 half an hour
- 8 three quarters of an hour?

How many minutes are left in the hour if the time is:

- 9 half past
- 10 quarter to
- 11 quarter past
- 12 10 past?

How many hours make:

- 13 1 day
- 14 half a day
- 15 two days
- 16 a quarter of a day?

**B**

How many seconds make:

- 1 one and a half minutes
- 2 a quarter of a minute
- 3 one and a quarter minutes
- 4 two and a half minutes?

How many minutes make:

- 5 two hours
- 6 one and a half hours
- 7 two and a quarter hours
- 8 one and-three quarter hours?

How many minutes are left in the hour if the time is:

- 9 2:20      13 8:05
- 10 6:50     14 3:40
- 11 1:10     15 10:25
- 12 11:35    16 5:55?

How many hours are left in the day if the time is:

- 17 6:00 in the evening
- 18 9:00 in the morning
- 19 11:00 at night
- 20 2:00 in the afternoon?

**C**

How many minutes are:

- 1 600 seconds
- 2 180 seconds
- 3 240 seconds
- 4 450 seconds?

How many hours are:

- 5 300 minutes
- 6 420 minutes
- 7 210 minutes
- 8 195 minutes?

How many minutes are left in the hour if the time is:

- 9 9:38      13 10:41
- 10 4:13     14 5:07
- 11 2:52     15 8:34
- 12 7:26     16 3:19?

How many hours and minutes are left in the day if the time is:

- 17 8:27 in the evening
- 18 7:14 in the morning
- 19 1:32 in the afternoon
- 20 10:58 in the morning?

**TARGET** To know the number of days in each month, year and leap year.

30 days has September,  
April, June and November.  
All the rest have 31,  
Save for February alone,  
Which has but 28 days clear  
And 29 in each leap year.

There are 365 days  
in each year and  
366 in each leap  
year.

Leap years occur every four years.  
The years which are leap years are  
easy to remember because they  
are multiples of four.

2004, 2008, 2012, 2016, etc.

**A**

How many days are in:

- 1 July
- 2 November
- 3 February next year
- 4 April and May altogether?

DECEMBER						
Sun	M	Tu	W	Th	F	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	

Look at the calendar.  
On what day of the week  
will these dates fall?

- 5 Christmas Day
- 6 New Year's Eve
- 7 St. Andrew's Day  
November 30th
- 8 Start of new term  
January 5th
- 9 What is the date one  
week before:  
a) April 22nd  
b) August 3rd?
- 10 What is the date one  
week after:  
a) January 16th  
b) June 27th?

**B**

- 1 What will be the date  
two weeks after:  
a) July 19th  
b) May 24?
- 2 What will be the date  
two weeks before:  
a) May 8th  
b) November 13th?

SEPTEMBER 2018						
Sun	M	Tu	W	Th	F	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

Use the above calendar.  
On what day of the week  
do these birthdays fall?

- 3 Jan – September 14th
- 4 Phil – September 26th
- 5 Alan – October 6th
- 6 Sheila – August 28th
- 7 Write out the calendar  
for August 2018.
- 8 How many days are  
there in a leap year?
- 9 How many days are  
there in a year which  
is not a leap year?

**C**

- 1 What will be the date  
four weeks after:  
a) February 9th 2018  
b) April 21st?
- 2 What will be the date  
three weeks before:  
a) August 4th  
b) December 15th?
- 3 How often is there a  
leap year?
- 4 When is the next leap  
year?
- 5 Which of these years  
is a leap year?  
a) 2024    c) 2034  
b) 2066    d) 2076
- 6 In 2020 St David's  
Day, March 1st, will  
fall on a Sunday. On  
which day will the  
following dates fall?  
a) St Patrick's Day  
March 17th  
b) St George's Day  
April 23rd  
c) St Valentine's Day  
February 14th  
d) Burn's Night  
(Scotland)  
January 25th