

# Varied Fluency

## Step 1: Months and Years

### National Curriculum Objectives:

Mathematics Year 3: (3M4e) [Know the number of seconds in a minute and the number of days in each month, year and leap year](#)

### Differentiation:

**Developing** Questions to support finding the number of days in each month, year and leap year.

**Expected** Questions to support finding the number of days in each month, year and leap year in different formats.

**Greater Depth** Questions to support finding the number of days in each multiple months, years and leap years in different formats.

More [Year 3 Time](#) resources.

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## Months and Years

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1a. Circle the month or months that do not have 30 days in total.

October      February      April



VF

1b. Circle the month or months that have 30 days in total.

November      August      June



VF

2a. Fill in the missing date.

29 <sup>th</sup> May	30 <sup>th</sup> May	
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VF

2b. Fill in the missing date.

	1 <sup>st</sup> July	2 <sup>nd</sup> July
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VF

3a. Complete the table.

Number of days in April	
	28
Number of days in September	



VF

3b. Complete the table.

Number of days in a leap year	
	365
Number of months in a year	



VF

4a. Draw lines to match the statements to the missing parts.

There are ____ months in a year	4
October is ____ <sup>th</sup> month of the year	12
February has 29 days every ____ years	10



VF

4b. Draw lines to match the statements to the missing parts.

July is the ____ <sup>th</sup> month of the year	30
August has ____ days	31
September has ____ days	7



VF

## Months and Years

## Months and Years

5a. Circle the month or months that do not have 31 days in total.

The fourth  
month of  
the year

March

The month  
after  
October



VF

5b. Circle the month or months that have 31 days in total.

The second  
month of  
the year

January

The month  
after  
August



VF

6a. Write the date a week later.

27 <sup>th</sup> June	
19 <sup>th</sup> March	



VF

6b. Write the date a week later.

5 <sup>th</sup> July	
2 <sup>nd</sup> February	



VF

7a. Complete the 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



VF

7b. Complete the table.

Number of days in the month before June	
Number of days in 201_____	366
Number of months in 2012	



VF

8a. Draw lines to match the statements to the missing parts.

There are _____ days in the 7 <sup>th</sup> month of the year	30
There were _____ days between 28 <sup>th</sup> March and 2 <sup>nd</sup> April	31
The month before July has _____ days	5



VF

8b. Draw lines to match the statements to the missing parts.

The month before December has _____ days	5
The month after June has _____ days	30
May is the _____th month of the year	31



VF

## Months and Years

## Months and Years

9a. Circle the month or months that do not have 31 days in total.

The ninth month of the year

March

The month after January



VF

9b. Circle the month or months that have 31 days in total.

July and August

The 2<sup>nd</sup> and 3<sup>rd</sup> months of the year

May and June



VF

10a. Write the date a week later.

27 <sup>th</sup> February 2016	
26 <sup>th</sup> December 2014	



VF

10b. Write the date a week earlier.

3 <sup>rd</sup> January 2018	
4 <sup>th</sup> April 2013	



VF

11a. Complete the table.

Number of days in March and April	
Number of days in 2 non-leap years	
Number of _____ in two years	24



VF

11b. Complete the table.

Number of days in 2011 and 2012	
Number of days in February and March in 2013	
Number of days in the month before _____	30



VF

12a. Draw lines to match the statements to the missing parts.

There are _____ days in two consecutive non-leap years	731
There were _____ days between 27 <sup>th</sup> February and 3 <sup>rd</sup> March 2013	4
There were _____ days in 2011 and 2012	730



VF

12b. Draw lines to match the statements to the missing parts.

There were _____ months in 2013 and 2014	5
There were _____ leap years between 2001 and 2010	24
There are _____ months with fewer than 31 days	2



VF

## Varied Fluency Months and Years

### Developing

- 1a. February and October  
2a. 31<sup>st</sup> May  
3a. Number of days in April – 30  
Number of days in February in a non-leap year – 28  
Number of days in September – 30  
4a. There are 12 months in a year  
October is the 10<sup>th</sup> month of the year  
February has 29 days every 4 years

### Expected

- 5a. The fourth month of the year and the month after October  
6a. 4<sup>th</sup> July and 26<sup>th</sup> March  
7a. Number of days in the ninth month of the year – 30  
Number of months in 2010 – 12  
Number of days in February in a leap year – 29  
8a. There are 31 days in the 7<sup>th</sup> months of the year  
There were 5 days between 28<sup>th</sup> March and 2<sup>nd</sup> April  
The month before July has 30 days

### Greater Depth

- 9a. The ninth month of the year and the month after January  
10a. 6<sup>th</sup> March 2016 and 2<sup>nd</sup> January 2015  
11a. Number of days in March and April – 61  
Number of days in 2 non-leap years – 730  
Number of months in two years - 24  
12a. There are 730 days in two consecutive non-leap years  
There were 4 days between 27<sup>th</sup> February and 3<sup>rd</sup> April  
There were 731 days in 2011 and 2012

## Varied Fluency Months and Years

### Developing

- 1b. November and June  
2b. 30<sup>th</sup> June  
3b. Number of days in a leap year – 366  
Number of days in a non-leap year – 365  
Number of months in a year – 12  
4b. July is the 7<sup>th</sup> month of the year  
August has 31 days  
September has 30 days

### Expected

- 5b. January  
6b. 12<sup>th</sup> July and 9<sup>th</sup> February  
7b. Number of days in the month before June – 31  
Number of days in 2012 or 2016 – 366  
Number of months in 2012 – 12  
8b. The month before December has 30 days  
The month after June has 31 days  
May is the 5<sup>th</sup> month of the year

### Greater Depth

- 9b. July and August  
10b. 27<sup>th</sup> December 2017 and 28<sup>th</sup> March 2013  
11b. Number of days in 2011 and 2012 – 731  
Number of days in February and March in 2013 – 59  
Number of days in the month before May/July/October/December – 30  
12b. There were 24 months in 2013 and 2014  
There were 2 leap years between 2001 and 2010  
There are 5 months with fewer than 31 days