

Varied Fluency – 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 using the number of days in each month, year and leap year.

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

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

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Varied Fluency – Months and Years

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

October February November



VF

6b. Circle the month or months that have 30 days.

April June March



VF

2a. Fill in the missing date.

29 th May	30 th May	
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VF

2b. Fill in the missing date.

	1 st July	2 nd 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. True or false? There are 31 days in November.



VF

4b. True or false? There are always 29 days in February.



VF

5a. Draw lines to match the statements to the missing parts.

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



VF

5b. Draw lines to match the statements to the missing parts.

July is the ____ th month of the year	30
August has ____ days	31
September has ____	7



VF

6a. Sarah gets paid on the last day of the month. Which date will she get paid in March?



VF

6b. Phillis gets paid on the last day of the month. Which date will she get paid in December?



VF

Varied Fluency – Months and Years

7a. Circle the month or months that do not have 31 days.

The fourth month of the year The month after December June



VF

7b. Circle the month or months that have 31 days.

January The second month of the year The month after August



VF

8a. Write the date a week later.

27 th June	
19 th March	



VF

8b. Write the date a week earlier.

5 th July	
2 nd February	



VF

9a. Complete the table.

Number of days in the ninth month of the year	
Number of months in 2010	
Number of days in the month after _____ (in a leap year)	29



VF

9b. Complete the table.

Number of days in the month before June	
Number of days in 201____	366
Number of months between January and May	



VF

10a. Draw lines to match the statements to the missing parts.

There are _____ days in the seventh month of the year	31
May is the _____ th month of the year	30
The month before July has _____ days	5



VF

10b. Draw lines to match the statements to the missing parts.

There are _____ days between September 30 th and October 3 rd	3
There are _____ days between March 28 th and April 2 nd	2
There are _____ months between August and December	4



VF

11a. Michael gets paid on the last day of the month. Which is the last date he will get paid before 4th April?



VF

11b. Jaxon gets paid on the last day of the month. Which is the last date he will get paid before Christmas?



VF

Varied Fluency – Months and Years

12a. Circle the month or months that follow a month with 31 days.

The ninth month of the year

The month after January

March



VF

12b. Circle the consecutive months that total 61 days in a non-leap year.

July and August

The 2nd and 3rd months of the year

May and June



VF

13a. Write the date a week later.

27 th February 2016	
26 th December 2014	



VF

13b. Write the date a week earlier.

3 rd January 2018	
4 th April 2013	



VF

14a. 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

14b. Complete the table.

Number of days in 2011 and 2012	
Number of days in February and March in 2013	
The number of days in the month before M_____	30



VF

15a. True or false? 2014 was a leap year.



VF

15b. True or false? The year after 2009 was a leap year.



VF

16a. Draw lines to match the statements to the missing parts.

There are _____ days in two consecutive non-leap years	24
There were _____ months in 2013 and 2014	730
There were _____ days in 2011 and 2012	731



VF

16b. Draw lines to match the statements to the missing parts.

There were _____ leap years between 2001 and 2010	5
There were _____ days between February 27 th and March 3 rd 2013	2
There are _____ months with fewer than 31 days.	3



VF

Varied Fluency – Months and Years

Developing

1a. **October, February**

2a. **31st 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. **True**

5a.

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

6a. **31st March**

1b. **April, June**

2b. **30th 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. **False**

5b.

July is the ____ th month of the year	30
August has ____ days	31
September has ____	7

6b. **31st December**

Expected

7a. **The fourth month of the year, June**

8a. **4th July, 26th March**

9a.

Number of days in the ninth month of the year	30
Number of months in 2010	12
Number of days in the month after January (in a leap year)	29

10a.

There are ____ days in the seventh month of the year	31
May is the ____ th month of the year	30
The month before July has ____ days	5

11a. **31st March**

7b. **January**

8b. **28th June, 26th January**

9b.

Number of days in the month before June	31
Number of days in 2012 or 6	366
Number of months between January and May	3

10b.

There are ____ days between September 30 th and October 3 rd	3
There are ____ days between March 28 th and April 2 nd	2
There are ____ months between August and December	4

11b. **30th November**

Varied Fluency – Months and Years

Greater Depth

12a. The ninth month of the year, the month after January

13a. 6th March 2016, 2nd January 2015

14a.

Number of days in March and April	61
Number of days in 2 non-leap years	730
Number of months in two years	24

15a. False

16a.

There are ____ days in two consecutive non-leap years	24
There were ____ months in 2013 and 2014	730
There were ____ days in 2011 and 2012	731

12b. May and June

13b. 27th December 2017, 28th March 2013

14b.

Number of days in 2011 and 2012	731
Number of days in February and March in 2013	59
The number of days in the month before May	30

15b. False

16b.

There were ____ leap years between 2001 and 2010	5
There were ____ days between February 27 th and March 3 rd 2013	2
There are ____ months with fewer than 31 days.	3