

Finding Number of Days

Lesson 19

In Focus

January						
M	T	W	T	F	S	S
			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	

February						
M	T	W	T	F	S	S
						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	

March						
M	T	W	T	F	S	S
						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					

April						
M	T	W	T	F	S	S
		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			

May						
M	T	W	T	F	S	S
				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

June						
M	T	W	T	F	S	S
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					

July						
M	T	W	T	F	S	S
		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		

August						
M	T	W	T	F	S	S
					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						

September						
M	T	W	T	F	S	S
	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				

October						
M	T	W	T	F	S	S
			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	

November						
M	T	W	T	F	S	S
						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						

December						
M	T	W	T	F	S	S
	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			



Each month has 30 days.

Ravi



I don't think that's correct.

Ruby

Who is correct?

Let's Learn

- 1 There are 30 days in some months.

April							June							September							November						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
		1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	4	5	6						1		
6	7	8	9	10	11	12	8	9	10	11	12	13	14	7	8	9	10	11	12	13	2	3	4	5	6	7	8
13	14	15	16	17	18	19	15	16	17	18	19	20	21	14	15	16	17	18	19	20	9	10	11	12	13	14	15
20	21	22	23	24	25	26	22	23	24	25	26	27	28	21	22	23	24	25	26	27	16	17	18	19	20	21	22
27	28	29	30				29	30						28	29	30					23	24	25	26	27	28	29
																					30						

- 2 There are 31 days in other months.

January							March							May							July							
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	
					1	2	3	4					1				1	2	3					1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	4	5	6	7	8	9	10	6	7	8	9	10	11	12	
12	13	14	15	16	17	18	9	10	11	12	13	14	15	11	12	13	14	15	16	17	13	14	15	16	17	18	19	
19	20	21	22	23	24	25	16	17	18	19	20	21	22	18	19	20	21	22	23	24	20	21	22	23	24	25	26	
26	27	28	29	30	31		23	24	25	26	27	28	29	25	26	27	28	29	30	31	27	28	29	30	31			
							30	31																				

August							October							December								
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S		
					1	2				1	2	3	4				1	2	3	4	5	6
3	4	5	6	7	8	9	5	6	7	8	9	10	11	7	8	9	10	11	12	13		
10	11	12	13	14	15	16	12	13	14	15	16	17	18	14	15	16	17	18	19	20		
17	18	19	20	21	22	23	19	20	21	22	23	24	25	21	22	23	24	25	26	27		
24	25	26	27	28	29	30	26	27	28	29	30	31		28	29	30	31					
31																						

- 3 In February, there are 28 days or 29 days.

year	number of days in February	year	number of days in February
2012	29	2017	28
2013	28	2018	28
2014	28	2019	28
2015	28	2020	29
2016	29	2021	28

What do you notice?



We say that 2012, 2016 and 2020 are leap years. In leap years, there are 29 days in February.

- 4 How many days are in a year that is not a leap year?



× 30 days

× 31 days



Then we need to
add the number of days
in February.



In a leap year,
there are 366 days.



In a year that is not a leap year, there are 365 days.

Guided Practice

Solve.

- 1 Charles took the entire month of March to complete a project.
How many days did he take?

- 2 Lulu took two months to read a collection of 8 books.
How many days did she take?

Does it matter which
two months it was?



Finding Number of Days

Lesson 20

In Focus

Lulu started her holiday on 3rd March.
The holiday ended on 17th March.
How many days was Lulu's holiday?

March						
M	T	W	T	F	S	S
						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					

Let's Learn

1

March						
M	T	W	T	F	S	S
						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					

Lulu's holiday lasted for 15 days.

2

What if the holiday started on 3rd March and lasted for 10 days?



The holiday would end on 13th March.

That is not correct.

The holiday would end on 12th March.



March						
M	T	W	T	F	S	S
						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					

3

What if the holiday ended on 17th March and lasted for 10 days?



$$17 - 10 = 7$$

Did the holiday start on 7th March?

No!



The holiday would start on March.

March						
M	T	W	T	F	S	S
						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					

Guided Practice

April						
M	T	W	T	F	S	S
		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			

May						
M	T	W	T	F	S	S
				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

Solve using the calendars above.

- A book festival started on 5th April.
It ended on 9th April.
How many days was the festival?
- A music festival started on 28th April.
It lasted for 7 days.
On what date did the festival end?
- A food festival closed on 1st May.
It lasted for 9 days.
On what date did the festival open?