

Chapter 7: Time Goes on

NCERT · Class 3 · Maths

Questions

Question 1

Which year was it two years back? 2017

2. In which year were you in Class II? 2018

3. Which year will be the next year? 2020

4. Which year will come after 3 years? 2022

WHICH FESTIVAL COMES FIRST?

Question 1:

Given below are some festivals we celebrate during the year.

Look at the calendar (2018) to find the days on which these fall.

Solution

Considering the calendar **2018**,

<i>Name of the festival</i>	<i>Date</i>	<i>Day</i>
Diwali	November 7	Wednesday
Pongal	January 14	Sunday
Raksha Bandhan	August 26	Sunday
Gandhi Jayanti	October 2	Tuesday
Milad-ul-Nabi	November 21	Wednesday
Onam	August 25	Saturday
Guru Nanak's Birthday	November 23	Friday
Guru Ravidas's Birthday	January 31	Wednesday
Christmas Day	December 25	Tuesday
Bihu	April 15	Sunday

Question 2:

Arrange the festivals in the order in which they come in the year.

Pongal, Guru Ravidas's Birthday, Bihu, Onam, Raksha Bandhan, Gandhi Jayanti, Diwali, Milad-UI-Nabi, Guru Nanak's Birthday, Christmas Day.

Question 3:

Which festival comes at the beginning of the year?

Pongal

Question 4:

Which festival comes at the end of the year?

Christmas

CALENDAR MAGIC**Question:**

Which is the number in the centre of the square?

13

Question:

How many such lines can you draw?

Four such lines can be drawn.

Question:

Add the three numbers on each of these lines. What do you notice?

$$5 + 13 + 21 = 39$$

$$6 + 13 + 20 = 39$$

$$19 + 13 + 7 = 39$$

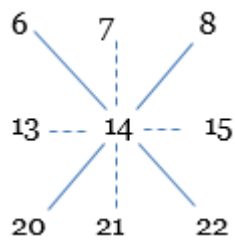
$$12 + 13 + 14 = 39$$

The sum of the numbers in each of the lines is 39.

Question:

Now, look at the calendar of 2018. Also, look for the present month and draw any similar square in your notebook. Does the magic work for these?

For the month of November 2018,



$$6 + 14 + 22 = 42$$

$$8 + 14 + 20 = 42$$

$$7 + 14 + 21 = 42$$

$$13 + 14 + 15 = 42$$

The sum is the same, i.e., 42. The magic works here as well.

Question:

Is this magic possible on a 10×10 number chart? Go to the chapter 'Fun with Numbers' and check.

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	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Let's check with a 10×10 number chart.

Yes, the magic works in a 10×10 number chart, also.

The cross lines- $1 + 12 + 23 + \dots + 89 + 100 = 505$

and $10 + 19 + 28 + \dots + 82 + 91 = 505$

As there is no middle line, we have to get an average sum of both horizontal lines.

$$5 + 15 + 25 + \dots + 95 \text{ and } 6 + 16 + 26 + \dots + 96 = 505$$

The average sum of both vertical lines.

$$41 + 42 + 43 + \dots + 50 \text{ and } 51 + 52 + 53 + \dots + 60 = 505.$$

Thus, the magic works here as well.

COMPLETE THE CALENDAR FOR AUGUST 2018

Question:

1. Colour all the Sundays in red.
2. On which day does this month end?
3. Write the number of days in this month.
4. What day is it on 13th August?
5. What is the date on the second Saturday?
6. Is the 21st a Sunday?
7. What is the day of the 29th? What will be the date on the same day next week?
8. How many Thursdays are there in this month?

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			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	

1.

1. The month ends on a Friday.
2. 31
3. Monday
4. 11th August
5. No, 21st is a Tuesday
6. Wednesday, 5th September
7. 5 Thursdays

Question:

1. Which months in the calendar (2018) have 5 Sundays?
2. Is there any other day in any month which comes 5 times?
3. Can there be 6 Sundays in a month? Why?

1. April, July, September, and December.
2. Yes, there are days which come 5 times. For instance, there are 5 Fridays and 5 Saturdays in the month of June.
3. No, there can't be 6 Sundays in a month. There can be at max 5 weeks in a month.

THE TRUE STORY OF PEDKI DEVI

Here is the final timeline.



Question:

Mark on the timeline when she was born.



Question:

In the blank box, draw a picture of Pedki as a newborn baby.

Do as directed.

Question:

Make your own timeline. Ask people around you and mark at least one thing that happened in each year of your life.

Do as directed.

Question:

Make timelines of people you admire. These can be from among your family, friends, teachers, etc.

Do as directed.

ONE DAY IN THE LIFE OF KUSUM

Question:

Write down the time for each picture.

For some pictures, the time is already written, and you must draw your hands on the clock. In others, you have to write the time shown by the clock.



Kusum gets up early in the morning.



At six in the morning



She brings water from the well.



At six -thirty in the morning



She cleans her house.



At seven-thirty in the morning



She goes to school.



At eight o'clock



She is studying in school.



At 10 o'clock in the morning



She comes back from school.



1 o'clock in the afternoon



She takes lunch with her brother and grandmother.



At 2 o'clock in the evening



She plays with her friends.



Five-thirty in the evening



She listens to a story from her grandmother before she sleeps.



9 o'clock at night