

ULTA PULTA TIME

Question 1:

As the sun sets ____, Sumana wakes up. What a lovely evening! ____ She washes her face fast in 2 hours ____ and runs out. She goes straight to the bird's nest. She has been watching the eggs for the last few months _____. She was waiting for the baby birds to come out. But before she can blink her eyes, in a week ____ a cat jumps onto the tree. The mother bird cries loudly, and Sumana rushes to shoo away the cat. As the cat jumps, it hits the big green mango. Dhum!

... In two days ____, it is on the ground! Oh, how sad! The mango is still not fully ripe. It needed one more year ____ to become sweet. Suddenly Sumana's sister calls out — Are you still not hungry? Has your stomach clock gone to sleep? Come and eat hot upma for dinner ____.

Answer:

As the sun sets **rises**, Sumana wakes up. What a lovely evening! **morning**. She washes her face fast in 2 hours **minutes** and runs out. She goes straight to the bird's nest. She has been watching the eggs for the last few months **days**. She was waiting for the baby birds to come out. But before she can blink her eyes, in a week **moment** a cat jumps onto the tree. The mother bird cries loudly, and Sumana rushes to shoo away the cat. As the cat jumps, it hits the big green mango. Dhum!

... In two days **seconds**, it is on the ground! Oh, how sad! The mango is still not fully ripe. It needed one more year **week** to become sweet. Suddenly Sumana's sister calls out — Are you still not hungry? Has your stomach clock gone to sleep? Come and eat hot upma for dinner **breakfast**.

HOW LONG DOES IT TAKE?

Question:

Takes minutes	Takes hours	Takes days
a bath	to stitch a shirt	to knit a sweater
to boil milk	to set curd	to weave a sari
	a school day	for a banana to become ripe

Answer:

Takes minutes	Takes hours	Takes days
A bath	To stitch a shirt	To knit a sweater
To boil milk	To set curd	To weave a sari
To take a glass of water	A school day	For a banana to become ripe
To prepare rice	To make a painting	To construct a room
To make popcorns	To prepare curry	Transformation of a seed into a plant
To blow up a balloon	To prepare curd	For a mango to get ripe
To prepare tea	To make sprouts	To paint a 1 BHK flat
To eat oranges	To prepare cake	

CLAP! CLAP! — BEFORE YOU CATCH

Question:

How many of you can speak and stamp at the same time?

Answer:

I think most of us can speak and stamp at the same time.

HOW OLD ARE WE?

Question:

Irfan's mother is twice as old as him.

She is also 20 years older than him.

Guess the ages of Irfan and his mother.

Answer:

Irfan's age is 20 years. His mother's age is 40 years.

BIRTH CERTIFICATE

Question:

- (1) 2/5/2002 shows that Bincy was born on 2 ____, in the year 2002.
- (2) How old will Bincy be on 2 May 2008? ____
- (3) How old will she be in the year 2052? ____
- (4) On what date will she be eight years old? Write in numbers. ____
- (5) How many months old was Bincy on 2 August 2002? ____
- (6) How many years old is Bincy now? ____
- (7) After how many months of her birth was the certificate issued? ____
- (8) What is the registration number of her certificate? ____

Answer:

- (1) 2/5/2002 shows that Bincy was born on 2 **May**, in the year 2002.
- (2) How old will Bincy be on 2 May 2008? **6 years**
- (3) How old will she be in the year 2052? **50 years**
- (4) On what date will she be eight years old? Write in numbers. **2nd May 2010**
- (5) How many months old was Bincy on 2 August 2002? **3 months**
- (6) How many years old is Bincy now? **17 years** (considering the present year, 2019)
- (7) After how many months of her birth was the certificate issued? **3 months and 3 days**
- (8) What is the registration number of her certificate? **815 /02**

CALENDAR

Question:

Let us look at the calendar for the year 2018.

Calendar 2018						
JANUARY						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30						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
OCTOBER						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				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						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					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

1. How many months does a year have?
2. List the months which have 30 days.
3. List the months which have 31 days.
4. How many days does the month of February have?
5. How many days make a week?
6. How many weeks are there in July? Is it true for all the months?
7. In which month did you come to Class III?
8. Make a circle on these dates in the calendar.

26th January

14th November

31st December

Is there something special about these dates?

Answer:

1. 12
2. 4 months (April, June, September, November)
3. 7 months (January, March, May, July, August, October, December)
4. 28 days in 2018
5. 7 days make a week.
6. 4 weeks, yes, it is true for all the months.
7. April
8. Do as instructed. Yes, 26th January is celebrated as Republic Day, 14th November is celebrated as Children's Day, and 31st December marks New Year's Eve.

Question:

Fill in the blanks with the correct year.

Answer:

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.

Answer:

Considering the calendar **2018**,

Name of the festival	Date	Day
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.

Answer:

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

Question 3:

Which festival comes at the beginning of the year?

Answer:

Pongal

Question 4:

Which festival comes at the end of the year?

Answer:

Christmas

CALENDAR MAGIC

Question:

Which is the number in the centre of the square?

Answer:

13

Question:

How many such lines can you draw?

Answer:

Four such lines can be drawn.

Question:

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

Answer:

$$5 + 13 + 21 = 39$$

$$6 + 13 + 20 = 39$$

$$19 + 13 + 7 = 39$$

$$12 + 13 + 14 = 39$$

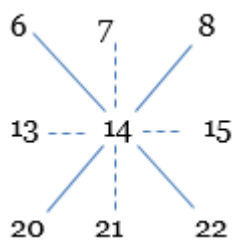
The sum of the numbers in each of the lines is 39.

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?

Answer:

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.

Answer:

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 x 10 number chart.

Yes, the magic works in a 10 x 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.

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

The average sum of both vertical lines.

$41 + 42 + 43 + \dots + 50$ 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?

Answer:

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?

Answer:

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

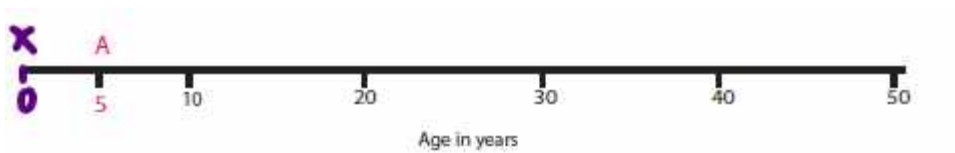
Here is the final timeline.



Question:

Mark on the timeline when she was born.

Answer:



Question:

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

Answer:

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.

Answer:

Do as directed.

Question:

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

Answer:

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.

Answer:



Kuzum gets up early in the morning.



At six in the morning



She is studying in school.



At 10 o'clock in the morning



She brings water from the well.



At six -thirty in the morning



She comes back from school.



1 o'clock in the afternoon



She cleans her house.



At seven-thirty in the morning



She takes lunch with her brother and grandmother.



At 2 o'clock in the evening



She goes to school.



At eight o'clock



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