

Exercise 1 (E)

A. Fill in the blanks.

1. A week has 7 days.

2. There are 365 days in a year.

3. There are 366 days in a leap year.

4. There are 31 days in the month of December.

5. There are 30 days in the month of November.

6. There can be 28 days or 29 days in the month.

of February.

7. There ~~are~~ ^{are} 12 months in a year.

8. Tuesday comes after ~~Monday~~.

9. March comes between February and April.

10. Which of the following would be the leap years?

1) 1988 - ~~4) 1988~~ 3) 1988 (497)

Since, 1988 is completely divisible by 4, then it is a leap year

$$\begin{array}{r}
 161 \\
 \times 38 \\
 \hline
 128 \\
 496 \\
 \hline
 616 \\
 \hline
 00
 \end{array}$$

2. 2068 - $\div 4$ 2068 C517

It is a leap year because
It is completely divisible by 4.

$$\begin{array}{r} 2068 \\ - 2068 \\ \hline 006 \\ - 4 \\ \hline 28 \\ - 28 \\ \hline 00 \end{array}$$

3. 2056 - $\div 4$ 2056 C ~~517~~ 519

2056 is a leap year because it is completely divisible by 4.

$$\begin{array}{r} 2056 \\ - 2056 \\ \hline 005 \\ - 4 \\ \hline 16 \\ - 16 \\ \hline 00 \end{array}$$

4. 2014 - $\div 4$ 20~~14~~¹⁴ C50~~3~~

2014

$$\begin{array}{r} 2014 \\ - 2014 \\ \hline 007 \\ - 0 \\ \hline 14 \\ - 12 \\ \hline 02 \end{array}$$

It is not a leap year because it is not completely divisible by 4.

Q. How many days were there in february 2020?

~~Ans. 19~~

Ans. First we have to check if 2020 is a leap year?

It is divisible by 4 so it is a leap year

$$\begin{array}{r}
 2020 \div 4 = 505 \\
 \underline{204} \\
 002 \\
 \underline{000} \\
 020 \\
 \underline{020} \\
 00
 \end{array}$$

D. How many days are there from

a. ~~7th~~ 7th August to 13th ~~Sept~~

September = 37 days

Ans: Number of days in August
 $= 31$

Number of days from 7th
to 31th August
August¹ $= 31 - 7 = 24$

~~Number~~ Now, ~~a~~ number of
days from 7th August to 23th
September $= 24 + 13 = 37$

b. 1st November to 7th December
36 days.

Ans Number of days in ~~August~~ November
 $= 30$

Number of days from 1st

November to 7th December

$$30 - 7 = 23$$

Now, number of days from

7th November to 7th December

$$= 29 + 7 =$$

∴ 4th June to 7th July = 27 days

Ans. No. of days in June = 30

No. of days from 4th June to

$$7th July = 30 - 4 = 26$$

Now, No. of days from 4th June

$$\text{to } 7th July = 26 + 1 = 27$$

1. 23rd December to 29th January

~~2 22~~

~~Ans No. of days in December = 31~~

~~days~~

~~No. of days in March = 31~~

~~No. of days in April = 27~~

~~28 - 11 = 17~~

Ans: No. of days in December = ~~30~~³¹

No. of days ~~in~~ from 23rd December ~~dec~~

to 29th January = ~~31~~³¹ - 23 = 08

Now ~~the~~ no. of days from 23rd

December to 29th January = 08 + 24 =

27/12/21

32

e. 11th february to 27th May.

105 days.

Ans. No. of days in february = 28

No. of days from 11th february
to 27th May = $28 - 11 = 17$

No. of days in March = 31

No. of days in April = 30

Now, No of days from 11th

february to 27th May = $17 + 31 +$

$30 + 27 = 105$

Q. Date on which Palri came to

our house = 10th January

No. of days she stayed with us
= 40

No. of days in January = 31

31	40 ³	She left us at
<u>-10</u>	<u>-21</u>	19 February February
21	19	

F. Look at the calendar given below

Answer the questions that follow

1. Independence ~~day~~ Day is

falling on which day? ~~Thursday~~ Wednesday

2. What will be the date on the

last Friday of August? 31st August

3. How many Thursdays are there

(27/12/19)

In the month of March?

5

4. How many Saturdays and Sundays are there in the month of June? 9

5. How many Sundays are there in a year, 52

6. On which day does October 2 fall? Tuesday

7. What day is it on 1st July 2018? Sunday

8. How many days are there in the months of May, June and August

Date 21/12/21
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taken together? 123 days