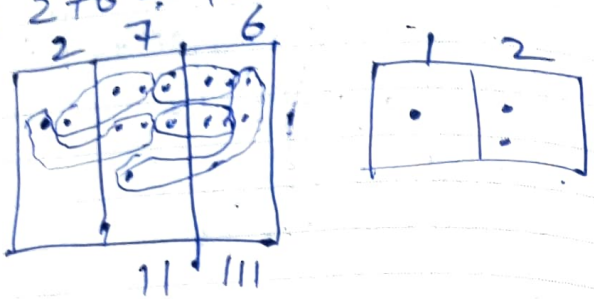
11 SEPTEMBER

Monday

2017

DIVISION BY DOTS

1) 276 ÷ 12.



Answer = 23

12

Tuesday

Steps: 1) In 276, there are 3 digits, so, you have to draw 3 columns.

2) In 12, there are 2 digits, so, you have to draw 2 columns.

3) In the 3 columns, which are drawn for 276, put 2 dots in the leftmost column.

2017

Put 7 dots in the middle column and put 6 dots in the rightmost column.

Note: These dots can be arranged either vertically or horizontally.

4) In the 2 columns which are drawn for 12,

Put 1 dot in the leftmost column & put 2 dots in the rightmost column.

14

Thursday

5) Now, understand the pattern in the columns containing 12.

So, it is 1 dot + 2 dots.

Now, find the same pattern in the 3 columns for 276 and encircle them.

15 SEPTEMBER

Friday

Note: The dots could be 2017
captured vertically or horizontally.
But remember that the pattern of '(1+2) dots should be followed
i.e mean, 1 dot in 1 column
& 2 dots in the other column
and circle them.

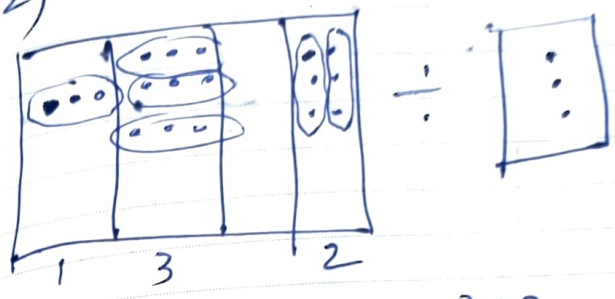
6) start capturing the pattern.

16

Saturday

7) In the column for 7, you get two such patterns.
And in the column for 6, you get three such patterns.
So, Answer is 23.

2017 2) 3906 ÷ 3.

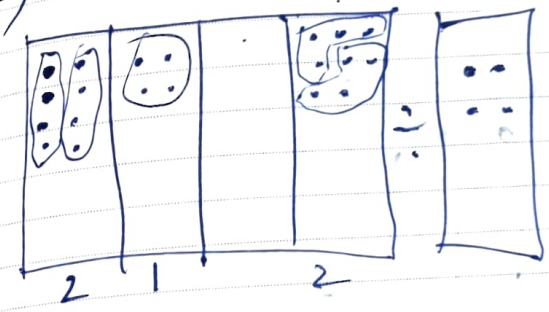


So, answer = 1302.

18

Monday

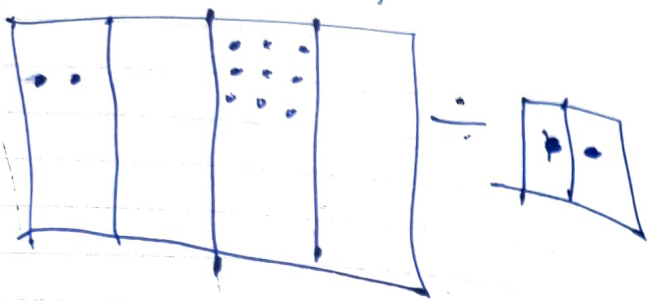
3) 8408 ÷ 4



Answer = 2102

h) 2090 ÷ 11

2017



Unfortunately, we don't have dots to work with.

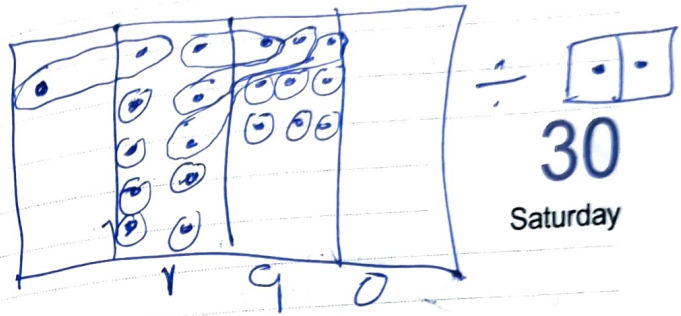
So,
We transfer one dot from the 1st column to the 2nd column.

So, The 1st column will now contain only one dot.
And, Column 2 will now contain 10 dots.

2017

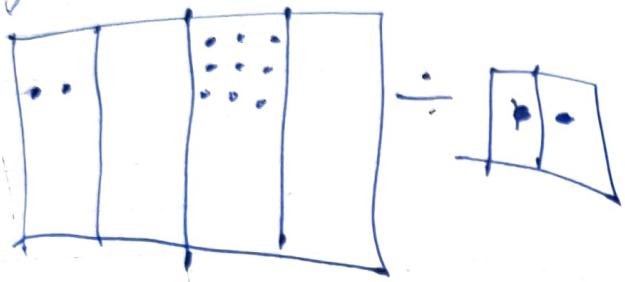
When we transfer one dot from one column to the adjacent column, the result is 10 dots.

So, now the diagram would look like this



So, the answer is 190

h) 2090 ÷ 11



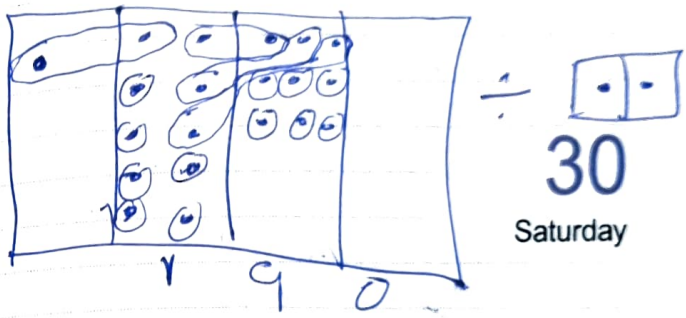
Unfortunately, we don't have dots to work with.

So,
we transfer one dot from the 1st column to the 2nd column.

So, The 1st column will now contain only one dot.
And, column 2 will now contain 10 dots.

When we transfer one dot from one column to the adjacent column, the result is 10 dots.

So, now the diagram would look like this



So, the answer is 190

1 OCTOBER

Sunday

2017

5) 589 ÷ 19

(600-10-1) (20-1)

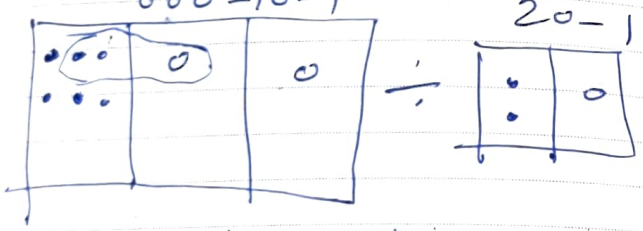
Note: Remember positive numbers are represented as • (Dots)

Negative numbers are represented by o (Anti dots)

2

Monday

600-10-1 20-1



600 is 6 dots because it is in the hundredth place.

-10 is 1 Antidot as it is in ten's place

2017 - 1 is one antidot because it is in unit's place.

Now, diagram is modified as follows.

NOTE:

• + • → zero

o - • → zero.

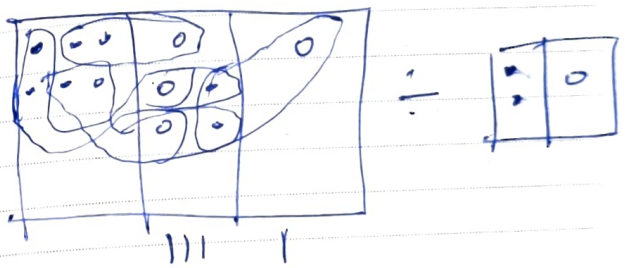
o × o → •

o × • → o

4

Wednesday

Now,



111 1

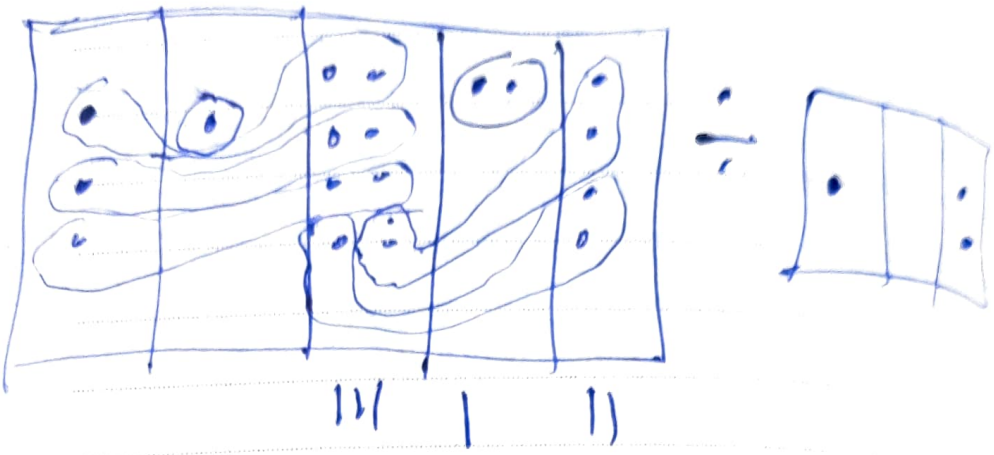
So, answer: 31

5 OCTOBER

Thursday

2017

6) 31824 ÷ 102.



111 1 11

= 312

6

Friday Note:

Column 1: 3 dot combine with 2 dots in the column 3
1 more dot combine with 2 dots in column 3
1 more dot combine with 2 dots in the column 3

Column 3: 1 dot combine with 2 dots in

SEP 2017

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
-	-	-	-	-	-	-