

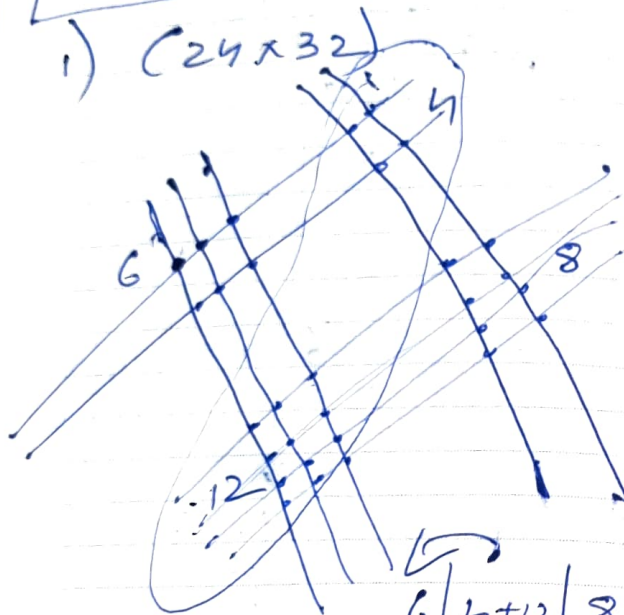
31 AUGUST

Thursday

2017

JAPANESE METHOD OF MULTIPLICATION

1) (24×32)



$$\begin{array}{r} 6 \overline{) 24} \times 32 \\ \underline{6 \overline{) 16}} \quad 8 \\ \underline{76} \quad 8 \\ 768 \end{array}$$

SEPTEMBER



Friday

2017

story:

1) For 24,
the first digit is 2

So, draw 2 vertical line
side by side.

The next digit is 4.
So, again draw 4 vertical
line side by side, but at
a distance from
the original 2
vertical line drawn.

Saturday

Both these vertical line
should be drawn at an
angle.

2) For 32
repeat the procedure, but
the line should be drawn
horizontally at an angle.

3) Mark the point of
intersection

JUL
2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
-	-	-	-	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	-	-	-	-	-

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	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	-	-	-	-	-	-	-	-	-	-	-

OCT
2017

3

SEPTEMBER

Sunday

4) Foreg:

Foreg,
just write 8 in the
rightmost position.

2017

Add, $(4+12)$. because
They are in the same line
and write the total just
before 8.

4

Monday

Then write 6, in the
leftmost position.

5) Using the carry forward
techniques, get the
answer.

6 | 16 | 8

- write 8 as it is

- Then in 16, write 6
and carry forward 1

- Then in 6, add 1

AUG
2017

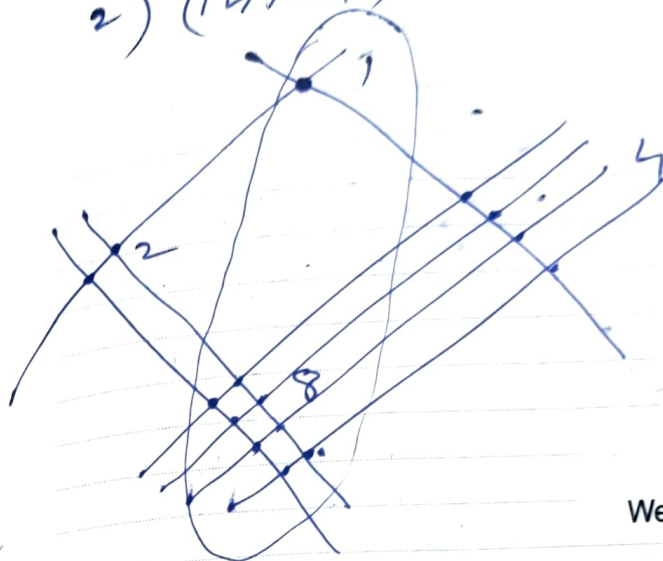
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
-	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29	30	31	-	-	-	-	-	-	-	-	-

SEPTEMBER

5

Tuesday

2017

2) (14×21) .

6

Wednesday

$$2 \overline{) 8+1} \overline{) 4} \\ = \underline{\underline{294}}$$

Note: 8, 9, 1 are in the
same line.
So, we add them

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	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	-	-	-	-	-	-	-	-	-	-	-

OCT
2017

7

SEPTEMBER

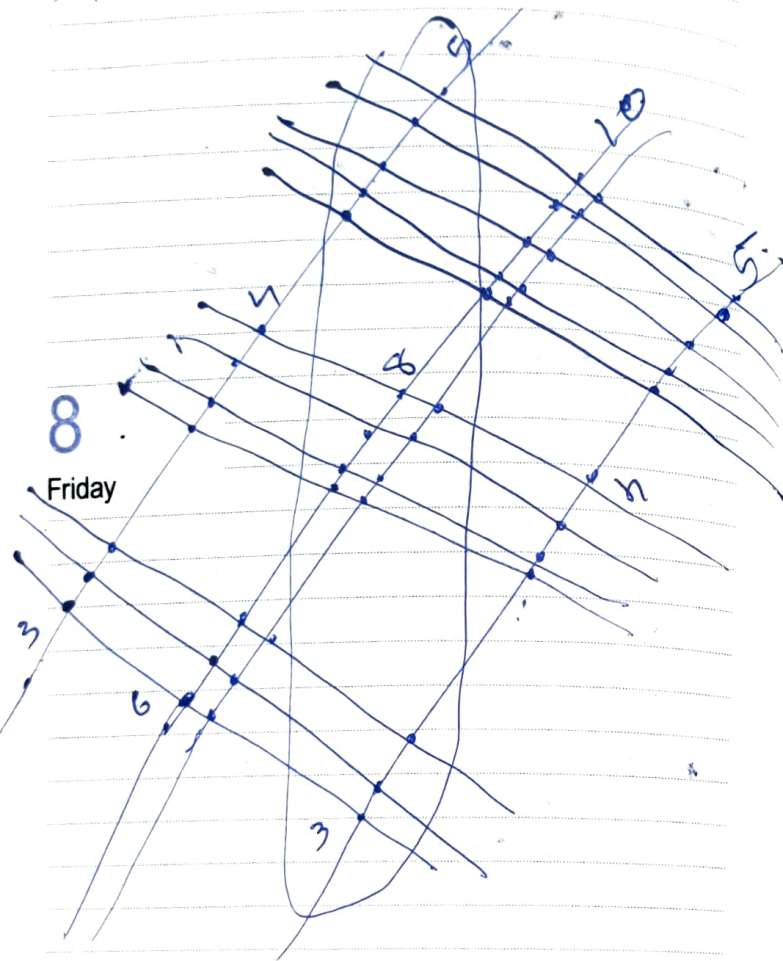
Thursday

2017

$$3) (121 \times 345)$$

8

Friday

AUG
2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	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

9

Saturday

2017

so, we get

$$3) 4+6 | 5+8+3 | 10+11 | 5$$

$$= 3 | 10 | 16 | 12 | 5$$

$$= 11, 745$$

Note:

10, 9, 4 are in the same line
so, we add them.

10

Sunday

5, 8, 3 are in the same line
so, we add them.

4, 16, 6 are in the same line
so, we add them.

Finally, use the carry-forward technique to get to the answer.

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	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	-	-	-	-	-	-	-	-	-	-	-

OCT
2017