

19 AUGUST

Saturday

# DIVISION TRICK

2017

1)  $1541 \overline{) 587562}$   
 - we take divisor as 15 and 41 we keep by side because division would become simpler.

20 - Rule 1

Sunday

Whenever we bring any new number down, you multiply the quotient with 41.

Rule 2

Since 41 has 2 digits, put the decimal point at 2 places from the right.

$$\begin{array}{r} 41 \\ 03 \\ 1240 \\ \hline = 12 \end{array}$$

$$\begin{array}{r} 41 \\ 38 \\ 32+3 \\ \hline = 35 \end{array}$$

$$\begin{array}{r} 41 \\ 81 \\ 4+8 \\ \hline = 12 \end{array}$$

$$\begin{array}{r} 41 \\ 12 \\ 8+1 \\ \hline = 9 \end{array}$$

AUGUST 21  
Monday

2017

So, now

$$\begin{array}{r} 381.28 \overline{) 41} \\ 15 \overline{) 5875.62} \\ - 45 \downarrow \\ \hline 137 \\ - 12 \\ \hline 125 \\ 120 \downarrow \\ \hline 55 \\ - 35 \\ \hline 20 \\ 15 \downarrow \\ \hline 56 \\ - 12 \\ \hline 44 \\ 30 \downarrow \\ \hline 142 \\ - 9 \\ \hline 133 \\ 120 \downarrow \\ \hline 13 \end{array}$$

22  
Tuesday

So, Quotient : 381.28

JUL 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
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
17	18	19	20	21	22	23	24	25	26	27	28	29	30

SEP 2017

27 AUGUST

Sunday

2017

2) Division trick for smaller numbers

$$1) \frac{1}{17}$$

There are 2 digits in the denominator.

Put 2 Zeros in the numerator.

28

Monday

$$\frac{100}{17} = 5.88$$

$$2) \frac{19}{123}$$

There are 3 digits in the denominator.

So, Put 3 Zeros in the numerator

$$= \frac{19000}{123}$$

AUGUST 29

Tuesday

2017

$$123 \overline{) 19000}$$

$$\begin{array}{r} 154.4 \text{ } 3 \\ 12 \overline{) 19000} \\ \underline{-12} \phantom{00} \\ 70 \phantom{00} \\ \underline{-3} \phantom{00} \\ 67 \phantom{00} \\ 60 \phantom{00} \\ \underline{70} \phantom{00} \\ -15 \phantom{00} \\ 55 \phantom{00} \\ 48 \phantom{00} \\ \underline{70} \phantom{00} \\ -12 \phantom{00} \\ 58 \phantom{00} \\ 48 \phantom{00} \\ \underline{10} \phantom{00} \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \\ 3 \\ \times 5 \\ \hline 15 \\ 3 \\ \times 4 \\ \hline 12 \end{array}$$

30

Wednesday

2) Each time 1) Since 3 is a single digit, the no. is brought down.   
 3 is multiplied with the later single digit.   
 The decimal point is put at 1 position from right.

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	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	-	-	-	-	-

SEP 2017

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