



Mathematics

21/08/20

V Std



Activity 1

Digit sum and digital root

The sum of the digits of a number is called its *digit sum*.

For example, the digit sum of 347 is,

$$3 + 4 + 7 \longrightarrow 14$$

The digit sum of 14 is $1 + 4 = 5$.

5 is called the *digital root* of 347.

a. Find out the digital root of 9, 18, 27, 36.....

What is the speciality of the digital roots of the numbers?

b. Complete the table given below.....

Number	Digit sum	Digital root
256	$2+5+6= \underline{13}$	$\underline{1+3}= 4$
465	$4+6+5= \underline{15}$	$\underline{1+5}=6$
428
547
2367
5683

Activity 2

Ziad and Meera are making numbers with digit-cards. These are the cards they have:

4 0 7 8 5 6

- What is the largest number they can make with these cards?*
- And the smallest number?*
- Find out the sum of these numbers.*
- Find out the differences of these numbers.*

Do all the activities and send to me dears....

All The Best