

## Unit : Playing with Numbers - Activity sheet

NAME :

1) General form of any 2 digit number ab made of digits a and b is  $10a+b$ .

General form of any 3 digit number abc made of digits a,b,c is  $\text{ } + \text{ } +$

2) General form of 129 is  $129 = 100 \times 1 + 10 \times 2 + 1 \times 9$

General form of 438 is  $\text{ } x \text{ } + \text{ } x \text{ } + \text{ } x$

3) The usual form of  $1000 \times 7 + 100 \times 5 + 10 \times 8 + 1 \times 2$  is 7582 .

The usual form of  $100 \times 9 + 10 \times 4 + 1 \times 6$  is

4) If a number ends with 0 or 2 or 4 or 6 or 8 then the number is divisible by 2.

Which one of the following number is divisible by 2?

2347, 32473, 4898, 5601

5) Check whether 6342 is divisible by 3 or not without performing actual division.

$6+3+4+2 = 15$  , Since 15 is divisible by 3 , 6342 is also divisible by 3.

Check which one of the following number is divisible by 3? 3421, 7812, 9320, 5348

6) If a number ends with 0 or 5 , then the number is divisible by 5 . Write any 5 numbers

divisible by 5. , , , ,

7) If  $24x$  is a multiple of 9 , where x is a digit, then find the value of x.

$$2+4+x = 9, 18, \dots$$

$$x = 3$$

If  $31y$  is a multiple of 9 , where y is a digit, then find the value of y.

$$+ \text{ } + \text{ } = 9, 18, \dots$$

$$y =$$

8)  $3A$  Find the value of A and B.  $38$   $A = 8, B = 9$

$$\begin{array}{r} +53 \\ \hline B1 \\ +53 \\ \hline 91 \end{array}$$

a)  $5Q$   $P =$   $b) \underline{3A \times 8}$   $A =$

$$\begin{array}{r} +24 \\ \hline P3 \end{array}$$

$$\begin{array}{r} B56 \\ +8 \\ \hline B= \end{array}$$