

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 + +

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

General form of 438 is \times + \times + \times

- 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 .

$$+ \quad + \quad = 9, 18, \dots$$

$$y =$$

- 8) 3A Find the value of A and B.

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A = 8, B = 9

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

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

a) $\begin{array}{r} 5Q \\ + 24 \\ P3 \end{array}$ P = Q =

b) $\begin{array}{r} 3A \times 8 \\ B56 \end{array}$ A = B =

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