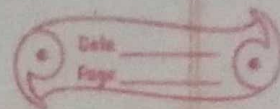


H.W
27/9/21

Ex 9(A)

Ch-9 Playing With Numbers



$$\begin{aligned} 5. & [18 - (15 \div 5) + 6] \\ & = [18 - 3 + 6] \\ & = [18 + 3] \\ & = 21 \end{aligned}$$

$$\begin{aligned} 6. & [(4 \times 2) - (4 \div 2)] + 8 \\ & = 8 - 2 + 8 & = 8 + 8 - 2 \\ & = 6 + 8 & = 16 - 2 \\ & = 14 & = 14 \end{aligned}$$

Ex 9(C)

Q5- Find which of the following numbers are divisible by 9:

(i) 1332 = Yes

Formula = Add all the numbers and check the sum
divisible by 9

$$\text{Sum of its digit} = 1 + 3 + 3 + 2 = 9$$

\therefore Yes, it is divisible by 9.

(ii) 53,247 = No

$$5 + 3 + 2 + 4 + 7 = 21 \quad 53,247 \neq 9$$

\therefore No, it is not divisible by 9.

(iii) 4968 = Yes

$$\text{Sum of all digits} = 4 + 9 + 6 + 8 = 27$$

\therefore Yes, it is divisible by ~~4968~~ 9.

(iv) 2,00,314 = No

$$= \text{Sum of all digits} = 2+0+0+3+1+4 = 10$$

$10 \div 9$

\therefore No; 2,00,314 is not divisible by 9.

7. Find which of the following numbers are divisible by 5:

(i) 5080

Formula: Check the unit's digit if it is 0 or 5

5080.

\therefore Yes, It is divisible by 5.

(ii) 66666

\therefore No, it is not divisible by 5.

(iii) 755

$$= \underline{755} = \text{Yes}$$

\therefore Yes, it is divisible by 5.

(iv) 9207

$$= \underline{9207} = \text{No}$$

\therefore No, it is not divisible by 5.