H.W
27/9/21

Ex 9(A) Ch-9 Playing With Numbers

5. $[18-(15\div5)+6]$
$= [18-3+6]$
$= [18+3]$
$= 21$

6. $[(4\times2)-(4\div2)]+8$
$= 8-2+8$ | $= 8+8-2$
$= 6+8$ | $= 16-2$
$= 14$ | $= 14$

Ex 9(C)

QS- 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

Sum of its digit = $1+3+3+2=9$

∴ Yes, it is divisible by 9.

(ii) 53,247 = No
$5+3+2+4+7=21$ $53,247 \neq 9$

∴ No, it is not divisible by 9.

(iii) 4968 Yes
Sum of all digits = $4+9+6+8=27$

∴ Yes, it is divisible by ~~4968~~ 9.

(iv) 2, 00, 314 = No

= Sum of all digits = 2+0+0+3+1+4 = 10

10 ∤ 9

∴ 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 units digit if it is 0 or 5

5080.

∴ Yes, It is divisible by 5.

(ii) 66660

∴ No, it is not divisible by 5

(iii) 755

= 755 = Yes

∴ Yes, it is divisible by 5.

(iv) 9207

= 9207 = No

∴ No, it is not divisible by 5.