HW 27/09/21

Ch-9 Playing With Numbers

classmate Date Page

Exercise-9A

5) $[18-(15\div5)+6]$

$=[18-3+6]$

$=[24-3]$

$=21$

6) $[(4\times2)-(4\div2)]+8$

$=[8-2]+8$

$=6+8$

$=14$

Exercise-9C

5) Find which of the following number are divisible by 9 :-

i) 1332

Sum of digits of $1332 = 1+3+3+2$

$= 9$

9 is divisible by 9.

So, 1332 is divisible by 9.

ii) 53247

Sum of digits of $53247 = 5+3+2+4+7$

$= 21$

21 is not divisible by 9.

So, 53247 is not divisible by 9.

iii) 4968

Sum of digits of 4968 = 4+9+6+8
= 27

27 is divisible by 9.

So, 4968 is divisible by 9.

iv) 200314

Sum of digits of 200314 = 2+3+1+4
= 10

10 is not divisible by 9.

So, 200314 is not divisible by 9.

7) Find which of the following number are ~~divisible~~ divisible by 5:-

~~i)~~ 5080

~~It~~ 5080 has 0 at ones place. The numbers having 0 or 5 at ones place ~~So the number~~ is divisible by 5.

So, 5080 is divisible by 5.

ii) 66666

66666 has 6 at ones place. The number doesn't has neither 0 nor 5.

So, 66666 is not divisible by 5.

iii) 755

755 has 5 at ones place. The number has 5 at ones place.

So, 755 is divisible by 5.

iv) 9207

9207 has 7 at ones place. The number ~~has doesn't~~ does not has neither 0 nor 5.

So, 9207 is not divisible by 5.

i) 5080

5080 has 0 at ones place. The number has 0 at ones place.

So, 5080 is divisible by 5.