

Maths  
Revision - 1

29/4/21

HW

Ex-9. A

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

$$[18 - (3 + 6)]$$

$$18 - 9$$

$$= 9$$

$$6 \quad [(4 \times 2) - (4 \div 2)] + 8$$

$$= [(4 \times 2) - 2] + 8$$

$$= [(8) - 2] + 8$$

$$= [8 - 2] + 8$$

$$= 14$$

9C-

5. Find which of the following numbers are divisible 9

i) 1332 ii) 53247 iii) 4968 iv) 200314

Ans. A number is divisible by 9 if the sum of its digits is divisible by 9. ~~Same~~

i) Sum of the digits -  $1332 = 1 + 3 + 3 + 2 = 9$   
 $\therefore$  1332 is divisible by 9

ii) Sum of the digits -  $53247 = 5 + 3 + 2 + 4 + 7 = 21$

$\therefore$  53247 is not divisible by 9

iii) Sum of digits -  $4968 = 4 + 9 + 6 + 8 = 27$

4968 is divisible by 9

iv) 200314

Sum of digits -  $200314 = 2 + 0 + 0 + 3 + 1 + 4 = 10$

200314 is not divisible by 9

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

i) 5080 ii) 66666 iii) 755 iv) 9207

Ans. A number is divisible by 5 if the units of digit is ~~is~~ either 0 or 5

i) 5080  
Here units digit <sup>is</sup> 0  
∴ 5080 is divisible by 5

ii) 66666  
Here units digit <sup>is</sup> 6  
∴ 66666 is ~~is~~ not divisible by 5

iii) 755  
Here units digit is 5  
∴ 755 is divisible by 5

iv) 9207  
Here units digit is 7  
∴ 9207 is not divisible by 5