

HW  
27.9.21

## Ex - 9.(A)



$$\begin{aligned} \textcircled{5} \quad & [(8 - (15 \div 5)) + 6] \\ & = [8 - 3 + 6] \\ & = [24 - 3] \\ & = 21 \end{aligned}$$

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

## Ex - 9.(C)

$$\textcircled{5} \text{ i)} \quad \underline{1332} =$$

Sum of the digits =  $1 + 3 + 3 + 2 = 9$

9 is divisible by 9

So, 1332 is divisible by 9

$$\text{ii)} \quad \underline{53247} =$$

Sum of the digits =  $5 + 3 + 2 + 4 + 7 = 21$

21 is not divisible by 9, <sup>so</sup> 53247 is not divisible by 9

$$\text{iii)} \quad \underline{4968} =$$

Sum of the digits =  $4 + 9 + 6 + 8 = 27$

27 is divisible by 9.

So 4968 is divisible by 9.

$$\text{iv)} \quad \underline{200314} =$$

Sum of the digits =  $2 + 3 + 1 + 4 = 10$

10 is not divisible by 9

So, 200314 is not divisible by 9.

(7. i) 5080 =

The unit's digit is  $508(0) = 0$

So, 5080 is divisible by 5

ii) 66666 =

The unit's digit =  $6666(6) = 6$

So, 66666 is not divisible by 5.

iii) 755 =

The units digit is =  $75(5) = 5$

So 755 is divisible by 5

iv) 9207

The units digit is =  $920(7) = 7$

So, 9207 is not divisible by 5