

Exercise 9(A)

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

Sol- $[18 - 3 + 6]$
 $= [18 + 3]$
 $= 21$

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

Sol- $[8 - 2] + 8$
 $= 6 + 8$
 $= 14$

Exercise 9(C)

5. Find which of the following numbers are divisible by 9:

i) 1332

Sol- The given number = 1332
Sum of the digits = $1 + 3 + 3 + 2 = 9$
9 is divisible by 9
 \therefore 1332 is divisible by 9.

ii) 53247

Sol- The given number = 53247
Sum of the digits = $5 + 3 + 2 + 4 + 7 = 21$
21 is not divisible by 9.
 \therefore 53247 is not divisible by 9.

iii) 4968

Sol- The given number = 4968
Sum of the digits = $4 + 9 + 6 + 8 = 27$
27 is divisible by 9.
 \therefore 4968 is divisible by 9.

iv) 200314

Sol- The given number = 200314
Sum of the digits = $2 + 0 + 0 + 3 + 1 + 4 = 10$
10 is not divisible by 9.
 \therefore 200314 is not divisible by 9.

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

e) 5080

Sol- The given number = 5080
The unit digit = 0
 \therefore 5080 is divisible by 5.

ii) 66666

Sol- The given number = 66666
The unit digit = 6
 \therefore 66666 is not divisible by 5.

iii) 755

Sol- The given number = 755
The unit digit = 5
 \therefore 755 is divisible by 5.

iv) 9207

Sol- The given number = 9207
The unit digit = 7
 \therefore 9207 is not divisible by 5.