

Hw
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Exc 9. d

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

ans $\rightarrow [18 - 3 + 6]$

$= [18 - 9]$

$= 9$

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

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

$= [8 - 2] + 8$

$= 6 + 8$

$= 14$

Exc 9. c

5) i) 1332

ans $\rightarrow 1 + 3 + 3 + 2 = 9$ and 9 is divisible by 9, therefore 1332 is divisible by 9.

ii) 53247

ans $\rightarrow 5 + 3 + 2 + 4 + 7 = 21$ and 21 is not divisible by 9, therefore 53247 is not divisible by 9.

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iii) 4968

Ans) $4 + 9 + 6 + 8 = 27$ and 27 is divisible by 9, therefore, 4968 is divisible by 9.

iv) 200314

Ans) $2 + 0 + 0 + 3 + 1 + 4 = 10$ and 10 is not divisible by 9, therefore 200314 is not divisible by 9.

6) Find which of the numbers are divisible by 6.

i) 324, ii) 2010, iii) 33278

iv) 15505

Ans) 324 is divisible by 2.

$3 + 2 + 4 = 10$ and 10 is not divisible

by 3. Therefore, 324 is not divisible by 3.

So, 324 is not divisible by 6.

ii) 2010 is divisible by 2.

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$2 + 0 + 1 + 0 = 3$ and 3 is divisible

by 3. Therefore 2010 is ~~not~~ divisible by 3.

So, 2010 is divisible by 6.

iii) 33278 is divisible by 2.

$3 + 3 + 2 + 7 + 8 = 23$ and 23 is not

divisible by 3. Therefore, 33278 is not divisible by 3.

So, 33278 is not divisible by 6.

iv) 15505 is not divisible by 2.

So, 15505 is not divisible by 6.

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