

27/9/21

HOME ASSIGNMENT

Ex-9 (A) Q5, 6

$$\begin{aligned} \text{Q5. } & [18 - (15 \div 5) + 6] \\ & = [18 - 3 + 6] \\ & = [18 - 9] \\ & = 9 \end{aligned}$$

$$\begin{aligned} \text{Q6. } & [(4 \times 2) - (4 \div 2)] + 8 \\ & = [(4 \times 2) - 2] + 8 \\ & = [8 - 2] + 8 \\ & = 6 + 8 \\ & = 14 \end{aligned}$$

14.

i) $1332 \cdot 1+3+3+2=9$, Yes

ii) $53247 \cdot 5+3+2+4+7=21$, Yes

iii) $4968 \cdot 4+9+6+8=27$, Yes

iv) $200314 \cdot 2+0+0+3+1+4=10$, No

16. i) 324 - unit place - 4

$$3 + 2 + 4 = 9$$

Divisible by 2 but not 3

\therefore 324 is not divisible by 6

ii) 2010 - unit place - 0

$$2 + 0 + 1 + 0 = 3$$

Divisible by both 2, 3

\therefore divisible by 6

iii) 33278 - unit place - 8

$$3 + 3 + 2 + 7 + 8 = 22$$

Divisible by 2 but not 3

\therefore not divisible ^{by} 6

iv) 15505 - unit place - 5

$$1 + 5 + 5 + 0 + 5 = 16$$

Not divisible by 2 nor 3

\therefore not divisible by 6