

Class-3  
Mathematics  
Estimation

Exercise - 3(H) (Page - 59)

To the nearest 10

I)  $83\bar{7}$  (As  $7 > 5$ )  
= 840 Answer

II)  $124\bar{1}$  (As  $1 < 5$ )  
= 1240 Answer

III)  $83\bar{45}$  (As  $5 = 5$ )  
= 8350 Answer

IV)  $678\bar{2}$  (As  $2 < 5$ )  
= 6780 Answer

To the nearest 100

I)  $8\bar{87}$  (As  $87 > 50$ )  
= 900 Answer

II)  $32\bar{15}$  (As  $15 < 50$ )  
= 3200 Answer

III)  $84\bar{32}$  (As  $32 < 50$ )  
= 8400 Answer

IV)  $32\bar{45}$  (As  $45 < 50$ )  
= 3200 Answer

To the nearest 1000

I)  $4\bar{349}$  (As  $349 < 500$ )  
= 4000 Answer

II)  $3\bar{215}$  (As  $215 < 500$ )  
= 3000 Answer

III)  $2\bar{175}$  (As  $175 < 500$ )  
= 2000 Answer

IV)  $3\bar{498}$  (As  $498 < 500$ )  
= 3000 Answer

V)  $7\bar{875}$  (As  $875 > 500$ )  
= 8000 Answer

Estimate the following sums.

$$\begin{aligned} \text{I)} \quad & \underline{326} + \underline{4512} + \underline{1234} + \underline{3215} \text{ (to the nearest 10)} \\ & = 330 + 4510 + 1230 + 3220 \\ & = 9290 \text{ Answer.} \end{aligned}$$

$$\begin{array}{r} 330 \\ 4510 \\ 1230 \\ 3220 \\ \hline 9290 \end{array}$$

$$\begin{aligned} \text{II)} \quad & \underline{1251} + \underline{2341} + \underline{3276} + \underline{4127} \text{ (to the nearest 100)} \\ & = 1300 + 2300 + 3300 + 4100 \\ & = 11000 \text{ Answer} \end{aligned}$$

$$\begin{array}{r} 1300 \\ 2300 \\ 3300 \\ 4100 \\ \hline 11000 \end{array}$$

$$\begin{aligned} \text{III)} \quad & \underline{3518} + \underline{1349} + \underline{2751} + \underline{4218} \text{ (to the nearest 1000)} \\ & = 4000 + 1000 + 3000 + 4000 \\ & = 12,000 \text{ Answer.} \end{aligned}$$

$$\begin{array}{r} 4000 \\ 1000 \\ 3000 \\ 4000 \\ \hline 12000 \\ , \end{array}$$