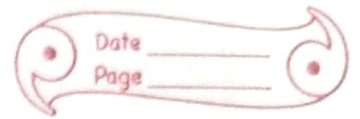


HOME WORK



Q2. Estimate the following by rounding off to the nearest 100

i) $887 = 8 > 5$ $887 \rightarrow 900$

ii) $3205 = 1 < 5$ $3205 \rightarrow 3200$

iii) $8432 = 3 < 5$ $8432 \rightarrow 3400$

iv) $3245 = 4 < 5$ $3245 \rightarrow 3200$

Q3. Estimate the following numbers to the nearest 100

i) $3532 = 3 < 5$ $3532 \rightarrow 3500$

ii) $4442 = 4 < 5$ $4442 \rightarrow 4400$

iii) $7641 = 4 < 5$ $7641 \rightarrow 7600$

iv) $3245 = 4 < 5$ $3245 \rightarrow 3200$

8. On Friday, Saturday and Sunday, 1356, 2518 and 3186 people attended a magic show. Estimate the total number of people who attended the show on the three days. (Round off to the nearest 100) Find its difference with the actual number people who attended the show?

Ans: Magic show attended on Friday ①①②
1356

Saturday and Sunday + 2518

1356, 2518 and 3186 respectively 3186

Rounding off to nearest 100, we get 1400, 2500 and 3200 7060
Actual sum

$$\therefore 1400 + 2500 + 3200 = 7100 \quad \text{①}$$

$$\begin{array}{r} \text{Actual sum} = 1356 + 2518 + 3186 = \\ 7060 \end{array} \quad \begin{array}{r} 1400 \\ + 2500 \\ \hline 3200 \\ \hline 7100 \end{array}$$

The difference - $7100 - 7060 = 40$ Sum to the nearest 100

9. The classes I, II and III of a school have 2348, 3183 and 2891 students respectively. Estimate the total number of students of these classes by rounding off the nearest 100?

Ans- Number of students in classes 2300

I, II and III are 2348, 3183 and 2891 + 3200

respectively 2900

8400

Sum to the nearest 100

Rounding off to nearest 100, we get
2300, 3200 and 2900

$$\therefore 2300 + 3200 + 2900 = 8400$$