HOME WORK

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

i) 8(8)7 = 8>5 887 → 900

ii) 320(5) = 1<5 3215 → 3200

iii) 84(3)2 = 3<5 8432 → 3400

iv) 32(4)5 = 4<5 3245 → 3200

Q3. Estimate the following numbers to the nearest 100

i) 35(3)2 = 3<5 3532 → 3500

ii) 44(4)2 = 4<5 4442 → 4400

iii) 76(4)1 = 4<5 7641 → 7600

iv) 32(4)5 = 4<5 3245 → 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

Saturday and Sunday

1356, 2518 and 3166 respectively

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

∴ 1400 + 2500 + 3200 = 7100

Actual sum = 1356 + 2518 + 3186 = 7060

The difference = 7100 − 7060 = 40

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  ① ① ②
  1356
+ 2518
  3186
  7060   Actual sum

   ①
  1400
+ 2500
  3200
  7100   Sum to the nearest 100
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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 off students in classes I, II and III are 2348, 3183 and 2891 respectively

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

$\therefore$ 2300 + 3200 + 2900 = 8400

2300
3200
2900
8400
Sum to the nearest 100