

HOME WORK



Exercise - 3 (H)

4. Estimate the following numbers to the nearest 1000

i) $4349 - 3 < 5 \rightarrow 4349 \rightarrow 4000$

ii) $3215 - 2 < 5 \rightarrow 3215 \rightarrow 3000$

iii) $2175 - 1 < 5 \rightarrow 2175 \rightarrow 2000$

iv) $1256 - 2 < 5 \rightarrow 1256 \rightarrow 1000$

5. Estimate the following numbers to the 10, 100 and 1000

Nearest 10 Nearest 100 Nearest 1000

i) $8345 - 8350 \quad 8300 \quad 8000$

ii) $7875 - 7880 \quad 7900 \quad 8000$

iii) $4837 - 4840 \quad 4800 \quad 5000$

iv) $3498 - 3500 \quad 3500 \quad 3400$

6. Estimate the following sum

i) $326 + 4512 + 1234 + 3215$ (to nearest 10)

On rounding off to the nearest 10, we get

$$330 + 4510 + 1230 + 3220 = 9290$$

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

ii) $1251 + 2341 + 3276 + 4127$ (to nearest 100)

On rounding off to nearest 100, we get

$$1300 + 2300 + 3300 + 4100 = 11000$$

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

iii) $3518 + 1349 + 2751 + 4218$ (to nearest 1000)

On rounding off to the nearest 1000, we get

$$4000 + 1000 + 3000 + 4000 = 12000$$

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

7 Estimate the following sums to the nearest 1000

i) $4567 + 2137 + 835 + 1356$

On rounding off to the nearest 1000, we get

$$5000 + 2000 + 1000 + 1000 = 9000$$

$$\begin{array}{r} 5000 \\ + 2000 \\ 1000 \\ 1000 \\ \hline 9000 \end{array}$$

ii) $1356 + 1567 + 4321 + 8345$

On rounding off to the nearest 1000, we get

$$1000 + 2000 + 4000 + 8000 = 15000$$

$$\begin{array}{r} 1000 \\ + 2000 \\ 4000 \\ 8000 \\ \hline 15000 \end{array}$$

iii) $3456 + 1278 + 2567 + 1837$

On rounding off to the nearest 1000, we get

$$3000 + 1000 + 3000 + 2000 = 9000$$

$$\begin{array}{r} 3000 \\ + 1000 \\ 3000 \\ + 2000 \\ \hline 9000 \end{array}$$