



Sub:Maths class-5 Topic- Subtraction(Vedic maths)

Do all questions of Exercise-4.2. One of each type is done for you.

EXERCISE 4.2

Use Cordova Smart Class Software on the smart board in class to do Exercise

Subtract the following with the help of
Ekadhikena Purvena and Param mitra sutra :

$$\begin{array}{r} 1. \ 200 \\ - 132 \\ \hline 668 \end{array}$$

$$\begin{array}{r} 2. \ 500 \\ - 309 \\ \hline 191 \end{array}$$

$$\begin{array}{r} 3. \ 805 \\ - 608 \\ \hline 197 \end{array}$$

$$\begin{array}{r} 7. \ 9700 \\ - 4904 \\ \hline 4796 \end{array}$$

$$\begin{array}{r} 8. \ 1000 \\ - 854 \\ \hline 146 \end{array}$$

$$\begin{array}{r} 9. \ 9000 \\ - 3896 \\ \hline 5104 \end{array}$$

$$\begin{array}{r} 4. \ 1700 \\ - 973 \\ \hline 727 \end{array}$$

$$\begin{array}{r} 5. \ 8305 \\ - 5281 \\ \hline 3024 \end{array}$$

$$\begin{array}{r} 6. \ 4000 \\ - 2736 \\ \hline 1264 \end{array}$$

CLASS-5
CHAPTER-4
VEDIC MATHS
Ex- 4.2

Q. Subtract the following with the help of Ekadhikena Purvena and Param mitra Sutra:

1.
$$\begin{array}{r} 200 \\ - 132 \\ \hline 68 \end{array}$$

Step 1: Since we cannot subtract 2 from 0, we add friendly number of 2 i.e. 8 to the upper digit. We write 8 (= 0+8) in the answer and put an ekadhik mark on 3.

2.
$$\begin{array}{r} 200 \\ - 132 \\ \hline 68 \end{array}$$

Step 2: Now 3 = 3 + 1 = 4. Since we cannot subtract 4 from 0, so we add friendly number of 4 i.e. 6 to the upper digit. We write 6 (= 0+6) in the answer and put an ekadhik mark on 1.

Step-3: $1 = 1 + 1 = 2$

Here we can subtract 2 from 2, therefore we write '0' in the answer.

∴ $200 - 132 = 68$

8.

$$\begin{array}{r} 1000 \\ - 854 \\ \hline 6 \end{array}$$

Step-1 - Since we cannot subtract 4 from 0, we add complementary number (friendly number) of 4 i.e. 6 to the upper digit. we write 6 (=0+6) in the Answer and put ekadhik mark on 5.

$$\begin{array}{r} 1000 \\ - 854 \\ \hline 46 \end{array}$$

Step 2 - $5 = 5 + 1 = 6$
Since we cannot subtract 6 from 0, we add friendly number 4 (=0+4) to the upper digit. we write 4 (=0+4) in the Answer and put ekadhik mark on 8.

$$\begin{array}{r} 1000 \\ - 0854 \\ \hline 146 \end{array}$$

Step-3 - $8 = 8 + 1 = 9$
Since we cannot subtract 9 from 0, we add friendly number of 9 i.e. 1 to 0 and write (0+1)=1 in the Answer and put ekadhik mark on 0.

$$\begin{array}{r} 1000 \\ - 0854 \\ \hline 0146 \end{array}$$

Step 4 - $0 = 0 + 1 = 1$
Now we can subtract 1 from 1, and write 0 in the Answer.

Ans.

Hu