

Q1 Add the following numbers and compare the sum.

a) $324569 + 47856 \square 47856 + 324569$

$$\begin{array}{r} \text{Solution:} \quad 1 \ 1 \ 1 \ 1 \\ 3 \ 2 \ 4 \ 5 \ 6 \ 9 \\ + \quad 4 \ 7 \ 8 \ 5 \ 6 \\ \hline 3 \ 7 \ 2 \ 4 \ 2 \ 5 \end{array} \qquad \begin{array}{r} 1 \ 1 \ 1 \ 1 \\ 4 \ 7 \ 8 \ 5 \ 6 \\ + \quad 3 \ 2 \ 4 \ 5 \ 6 \ 9 \\ \hline 3 \ 7 \ 2 \ 4 \ 2 \ 5 \end{array}$$

We observe that in both cases, we get the same answer.

b) $632140 + 121365 \square 121365 + 632140$

$$\begin{array}{r} \text{Solution:} \quad 1 \\ 6 \ 3 \ 2 \ 1 \ 4 \ 0 \\ + \quad 1 \ 2 \ 1 \ 3 \ 6 \ 5 \\ \hline 7 \ 5 \ 3 \ 5 \ 0 \ 5 \end{array} \qquad \begin{array}{r} 1 \\ 1 \ 2 \ 1 \ 3 \ 6 \ 5 \\ + \quad 6 \ 3 \ 2 \ 1 \ 4 \ 0 \\ \hline 7 \ 5 \ 3 \ 5 \ 0 \ 5 \end{array}$$

We observe that in both cases, we get the same answer.

Q2 Add and observe the answers.

a) (I) $31244 + 23419 + 41695$

(II) $31244 + 41695 + 23419$

Solution:

$$\begin{array}{r} \text{(I)} \quad 1 \ 1 \ 1 \\ 3 \ 1 \ 2 \ 4 \ 4 \\ 2 \ 3 \ 4 \ 1 \ 9 \\ + \quad 4 \ 1 \ 6 \ 9 \ 5 \\ \hline 9 \ 6 \ 3 \ 5 \ 8 \end{array} \qquad \begin{array}{r} \text{(II)} \quad 1 \ 1 \ 1 \\ 3 \ 1 \ 2 \ 4 \ 4 \\ 4 \ 1 \ 6 \ 9 \ 5 \\ + \quad 2 \ 3 \ 4 \ 1 \ 9 \\ \hline 9 \ 6 \ 3 \ 5 \ 8 \end{array}$$

(III) $23419 + 41695 + 31244$

(IV) $41695 + 31244 + 23419$

$$\begin{array}{r} \text{(III)} \quad 1 \ 1 \ 1 \\ 2 \ 3 \ 4 \ 1 \ 9 \\ 4 \ 1 \ 6 \ 9 \ 5 \\ + \quad 3 \ 1 \ 2 \ 4 \ 4 \\ \hline 9 \ 6 \ 3 \ 5 \ 8 \end{array} \qquad \begin{array}{r} \text{(IV)} \quad 1 \ 1 \ 1 \\ 4 \ 1 \ 6 \ 9 \ 5 \\ 3 \ 1 \ 2 \ 4 \ 4 \\ + \quad 2 \ 3 \ 4 \ 1 \ 9 \\ \hline 9 \ 6 \ 3 \ 5 \ 8 \end{array}$$

We observe that in all cases, we get the same answer.

Q3 Fill in the blanks.

a) $27165 + 0 + 8369 = 8369 + \underline{0} + 27165$

b) $(3381 + 76863) + 4123 = (76863 + 4123) + \underline{3381}$

c) $34065 + (17231 + 5443) = 5443 + (\underline{17231} + 34065)$

d) $28163 + (3715 + 42010) = 42010 + (\underline{3715} + 28163)$

e) $52343 + (35363 + 68313) = \underline{68313} + (52343 + 35363)$

Q4 Add the following.

a) $25631 + 1 = \underline{25632}$

b) $58963 + 10 = \underline{58973}$

c) $74569 + 100 = \underline{74669}$

d) $445632 + 100 = \underline{445732}$

e) $856324 + 1 = \underline{856325}$

f) $64123 + 1000 = \underline{65123}$

g) $963258 + 1000 = \underline{964258}$

h) $996324 + 0 = \underline{996324}$

Home Work (Practice in Rough copy)

Q1. Add and compare the following :

$325416 + 27856$ and $27856 + 325416$

Q2. Fill in the blanks:

a. $34217 + 10 = \underline{\hspace{2cm}}$

b. $7543 + 1 = \underline{\hspace{2cm}}$

c. $65210 + 100 = \underline{\hspace{2cm}}$

d. $9896 + 0 = \underline{\hspace{2cm}}$