Unit:9
Pg:159 (4:B)

C.W Monday, November 2

Topic: Exercise:13-1

Q.1 Solution

a) Find the sum of 456 and 789

$$\begin{array}{r} {\scriptstyle 1}\quad {\scriptstyle 1}\quad\ \\ 456 \\ +\ 789 \\ \hline 1245 \end{array}$$

b) What is the total of 763 and 869.

$$\begin{array}{r} {\scriptstyle 1}\quad {\scriptstyle 1}\quad\ \\ 763 \\ +\ 869 \\ \hline 1632 \end{array}$$

c) What is 678 more then 456

$$\begin{array}{r} {\scriptstyle 1\,1} \\ 678 \\ +\,456 \\ \hline 1134 \end{array}$$

Q.2 Solution

a) Subtract 456 from 789.

$$\begin{array}{r} 789 \\ -\,456 \\ \hline 333 \end{array}$$

b) Find the difference between 678 and 923.

$$\begin{array}{r} {\scriptstyle 8\;\;11} \\ 9\not{2}13 \\ -\,678 \\ \hline 245 \end{array}$$

c) 906 minus 858

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  8 9 16
- 8 5 8
  0 4 8
```

Q3 Solution

Ans Smallest 3-digit number with

Q= 111

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  0 0
  1 0 0
- 1 1 1
  0 8 9
```

Q4 Solution

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  6 10 13
+ 4 5 7
  2 5 6
```

457 + 256 = 713

Q5 Solution

a) Instead of borrowing, the student subtracted larger number from smaller number

$$\begin{array}{r} 8\,7\,\overset{\overset{7}{8}}{\not{8}}\,\overset{\overset{1}{1}}{5} \\ -\;\not{4}\,3\,5 \\ \hline \not{4}\,\not{4}\,7 \end{array}$$

b) The student has forgotten to add the carrying digit

$$\begin{array}{r} \overset{1}{} \\ 5\,3\,1 \\ +\;2\,7\,8 \\ \hline 8\,0\,9 \end{array}$$

Q6 Solution

a) 1st number = 642
2nd number = 531

$$\begin{array}{r} 642 \\ +\ 531 \\ \hline 1173 \end{array}$$

The largest total Naamir can make is 1173

b) 1st number = 135
2nd number = 246

$$\begin{array}{r} {}^{1}135 \\ +\ 246 \\ \hline 381 \end{array}$$

the smallest number Naomi can make is 381