

Worksheet

1. Solve :

A. Estimate the following by rounding off to the nearest 10.

i) $9560 - 5432$

Rounding off to the nearest 10 we get = 9560
 $9560 - 5430 = 4130$

$$\begin{array}{r} 9560 \\ - 5430 \\ \hline 4130 \end{array}$$

Actual difference
 $= (9560 - 5432) =$

$$\begin{array}{r} 95\text{⑤}0\text{⑩} \\ - 5432 \\ \hline 4128 \end{array}$$

ii) $6875 - 4586$

Rounding off to the nearest 10 we get = 6880
 $6880 - 4590 = 2290$

$$\begin{array}{r} 6\text{⑦}8\text{⑩}0 \\ - 4590 \\ \hline 2290 \end{array}$$

Actual difference
 $= (6875 - 4586) =$

$$\begin{array}{r} 6\text{⑦}8\text{⑩} \\ - 4586 \\ \hline 2289 \end{array}$$

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

i) $3760 - 1782$

Rounding off to nearest 100 we get = $3770 - 1790$

$3770 - 1790 = 2980$

$$\begin{array}{r} 3770 \\ - 1790 \\ \hline 2980 \end{array}$$

Actual difference

$3760 - 1782 = 1978$

$$\begin{array}{r} 3760 \\ - 1782 \\ \hline 1978 \end{array}$$

ii) $5982 - 3650$

Rounding off to nearest 100 we get = $6000 - 3700$

$6000 - 3700 = 2300$

$$\begin{array}{r} 6000 \\ - 3700 \\ \hline 2300 \end{array}$$

Actual difference

$5982 - 3650 = 2332$

$$\begin{array}{r} 5982 \\ - 3650 \\ \hline 2332 \end{array}$$

c. Estimate the following by rounding off to the nearest 1000.

i) $4992 - 4559$

Rounding off to the nearest 1000 we get = 5000
 $5000 - 5000 = 0000$

Actual difference

$4992 - 4559 = 433$

$$\begin{array}{r}
 49\textcircled{8}9\textcircled{2} \\
 - 4559 \\
 \hline
 0433
 \end{array}$$

D. Subtract the following.

a)
$$\begin{array}{r}
 8959 \\
 - 8836 \\
 \hline
 2123
 \end{array}$$

b)
$$\begin{array}{r}
 \textcircled{6}7\textcircled{2}\textcircled{3}\textcircled{5} \\
 - 6305 \\
 \hline
 0938
 \end{array}$$

E. Solve the following.

a)

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\
 3 \quad 5 \quad 6 \quad 9 \\
 + \quad 2 \quad 4 \quad 9 \quad 4 \\
 \hline
 \textcircled{5} \quad \textcircled{9} \quad \textcircled{5} \quad \textcircled{13} \\
 \textcircled{8} \quad \textcircled{13} \quad \textcircled{8} \quad \textcircled{13} \\
 - \quad 4 \quad 6 \quad 3 \quad 5 \\
 \hline
 1 \quad \textcircled{7} \quad \textcircled{5} \quad 8 \\
 - \quad 1 \quad 2 \quad 4 \quad 1 \\
 \hline
 0 \quad 1 \quad 8 \quad 7
 \end{array}$$

b)

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \\
 6 \quad 7 \quad 4 \quad 5 \\
 + \quad 9 \quad 8 \quad 2 \quad 5 \\
 \hline
 1 \quad \textcircled{5} \quad \textcircled{15} \quad \textcircled{6} \quad \textcircled{10} \\
 \textcircled{8} \quad \textcircled{13} \quad \textcircled{7} \quad \textcircled{15} \\
 - \quad 2 \quad 6 \quad 2 \quad 6 \\
 \hline
 1 \quad 3 \quad 9 \quad 4 \quad 4 \\
 - \quad 3 \quad 6 \quad 2 \quad 1 \\
 \hline
 1 \quad 0 \quad 3 \quad 2 \quad 3
 \end{array}$$

2. Do as directed.

A. Subtract the following numbers.

	H	T	O
	$\textcircled{3}$	$\textcircled{16}$	
	4	8	7
-	2	7	3
	1	9	4

B. Find the difference.

	Th	H	T	O
	8	4	9	8
-	5	2	7	3
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	3	2	2	5

C. Subtract the following numbers.

	Tth	Th	H	T	O
	7	10	14	8	18
	8	8	4	9	8
-	6	5	6	8	9
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	1	5	8	0	9

D. A cinema hall had 2400 tickets. It sold 1924 tickets. How many tickets are yet to be sold?

s- No. of tickets in a cinema hall = $\overset{\textcircled{2}}{2} \overset{\textcircled{4}}{4} \overset{\textcircled{0}}{0} \overset{\textcircled{0}}{0}$

No. of tickets sold out = $\overset{\textcircled{1}}{1} \overset{\textcircled{9}}{9} \overset{\textcircled{2}}{2} \overset{\textcircled{4}}{4}$

No. of tickets are yet to be sold = $\overset{\textcircled{0}}{0} \overset{\textcircled{4}}{4} \overset{\textcircled{7}}{7} \overset{\textcircled{6}}{6}$

∴ 476 tickets are yet to be sold.

E. Subtract the sum of 6432 and 1572 from the sum of 5468 and 8542.

$$\begin{array}{r}
 \textcircled{+} \quad \textcircled{+} \\
 6432 \\
 + 1572 \\
 \hline
 8004
 \end{array}$$

$$\begin{array}{r}
 \textcircled{+} \quad \textcircled{+} \quad \textcircled{+} \\
 5468 \\
 + 8542 \\
 \hline
 14010
 \end{array}$$

$$\begin{array}{r}
 \textcircled{9} \quad \textcircled{14} \\
 \textcircled{9} \quad \textcircled{10} \\
 \hline
 8004 \\
 06006
 \end{array}$$