

Chapter-4 Subtraction



1. Solve:

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

a. $9560 - 5432 = 4128$

$$9560 - 5430 = 4130$$

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

Actual difference

$$\begin{array}{r} 95\cancel{6}\cancel{0} \\ + 510 \\ \hline \end{array}$$

$$\begin{array}{r} 95\cancel{6}\cancel{0} \\ - 5432 \\ \hline 4128 \end{array}$$



$$b. \quad 6875 - 4586 = 2289$$

$$6880 - 4590 = 2290$$

$$\begin{array}{r} 7 \ 18 \\ - 6 \ 8 \ 8 \ 0 \\ \hline - 4 \ 5 \ 9 \ 0 \\ \hline 2 \ 2 \ 9 \ 0 \end{array}$$

Actual difference

$$\begin{array}{r} 16 \\ 7 \ 8 \ 15 \\ 6 \ 8 \ 7 \ 8 \end{array}$$

$$\begin{array}{r} - 4 \ 5 \ 8 \ 6 \\ \hline 2 \ 2 \ 8 \ 9 \end{array}$$

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

a. $3760 - 1782 = 1978$

$3800 - 1800 = 2000$

$$\begin{array}{r} 3800 \\ - 1800 \\ \hline 2000 \end{array}$$

Actual difference

$$\begin{array}{r} 16 \quad 15 \\ 2 \quad 8 \quad 5 \quad 10 \\ \cancel{3} \quad \cancel{7} \quad \cancel{6} \quad \cancel{0} \end{array}$$

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

b. $5982 - 3650 = 2332$

$6000 - 3700 = 2300$

$$\begin{array}{r}
 5 \ 10 \\
 \cancel{6} \ \cancel{0} \ 0 \ 0 \\
 - \ 3 \ 7 \ 0 \ 0 \\
 \hline
 2 \ 3 \ 0 \ 0
 \end{array}$$

Actual difference

$$\begin{array}{r}
 5 \ 9 \ 8 \ 2 \\
 - \ 3 \ 6 \ 5 \ 0 \\
 \hline
 2 \ 3 \ 3 \ 2
 \end{array}$$

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

a. $4992 - 4559 = 433$

$5000 - 5000 = 0$

$5000 - 3 =$

$$\begin{array}{r} 5000 \\ - 5000 \\ \hline 0000 \end{array}$$

Actual difference

$$\begin{array}{r} 4992 \\ - 4559 \\ \hline 0433 \end{array}$$

$$\begin{array}{r} 4992 \\ - 4559 \\ \hline 0433 \end{array}$$

b. $1855 - 1020 = 835$

$2000 - 1000 = 1000$

2000

$$\begin{array}{r} 2000 \\ - 1000 \\ \hline 1000 \end{array}$$

Actual difference

$$\begin{array}{r} 1855 \\ - 1020 \\ \hline 0835 \end{array}$$

D. Subtract the following numbers.

a. 6836 and $8959 = 2123$

$$\begin{array}{r} 8959 \\ - 6836 \\ \hline 2123 \end{array}$$

b. Take away 6305 from 7243

$$\begin{array}{r} 6243 \\ - 6305 \\ \hline 0938 \end{array}$$

E. Solve the following.

a. $3569 + 2494 - 1241 - 4635 = 187$

$$\begin{array}{r}
 1 \quad 1 \quad 1 \\
 3 \quad 5 \quad 6 \quad 9 \\
 + \quad 2 \quad 4 \quad 9 \quad 4 \\
 \hline
 5 \quad 10 \\
 \cancel{6} \quad 0 \quad 6 \quad 3
 \end{array}$$

$$\begin{array}{r}
 - \quad 1 \quad 2 \quad 4 \quad 1 \\
 \hline
 \quad \quad 7 \quad 11 \quad 12 \\
 4 \quad 8 \quad \cancel{2} \quad \cancel{2}
 \end{array}$$

$$\begin{array}{r}
 - \quad 4 \quad 6 \quad 3 \quad 5 \\
 \hline
 0 \quad 1 \quad 8 \quad 7
 \end{array}$$

b. $6745 + 3621 - 9825 + 2626 = 3167$

$$\begin{array}{r}
 1 \\
 6 7 4 5 \\
 + 3 6 2 1 \\
 \hline
 1 0 3 6 6 \\
 + 2 6 2 6 \\
 \hline
 12 8 12 \\
 \cancel{7} \cancel{2} \cancel{9} \cancel{9} \cancel{7} \\
 - 9 8 2 5 \\
 \hline
 3 1 6 7
 \end{array}$$

11. Do as directed.

A. Subtract the following numbers.

	H	T	O
	3	16	
	4	6	7
-	2	7	3
	<u>1</u>	9	4

B. Find the difference.

Th H T O

8 4 9 8

$$\begin{array}{r} 8498 \\ - 5273 \\ \hline 3225 \end{array}$$

C. Subtract the following numbers.

Tth Th H T O
7 10 14 8 18
8 1 4 4 8

$$\begin{array}{r} 71014818 \\ - 81448 \\ \hline 702000 \end{array}$$

D. A cinema hall had 2400 tickets.

It sold 1924 tickets. How many tickets are yet to be sold?

Ans - Total no. of tickets = $\begin{array}{r} 1 \\ 2 \\ \hline \end{array}$

No. of tickets sold = $\begin{array}{r} 1 \\ \hline \end{array}$

No. of tickets yet to

be sold =

∴ 476 tickets are yet to be sold.

E. Subtract the sum of 6432 and

1572 from the sum of 5468

and 8542.

Ans The sum of 6432 and 1572 =

$$6432 + 1572 = 8004$$

$$\begin{array}{r} 14 \\ 6432 \end{array}$$

$$+ 1572$$

$$\hline 8004$$

The sum of 5468 and 8542 =

$$5468 + 8542 =$$

$$\begin{array}{r} 111 \\ 5468 \end{array}$$

$$+ 8542$$

$$\hline 14010$$

Subtract 8004 from 14010 =

$$14010 - 8004 = 6006$$

$$\begin{array}{r} 014010 \\ \cancel{1} \cancel{4} \cancel{0} \cancel{1} \cancel{0} \end{array}$$

$$\begin{array}{r} 8004 \end{array}$$

$$\hline 6006$$