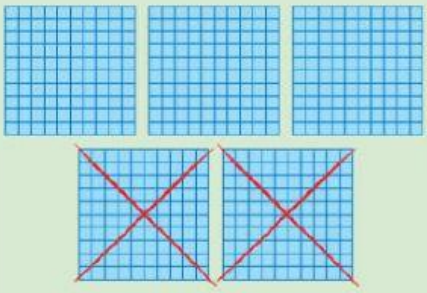
Subtracting 3-digit numbers: no renaming

Look at this method for subtracting 3-digit numbers.
What is 548 subtract 234?

Hundreds	Tens	Units
		
3	1	4

$$\begin{array}{r} 500 + 40 + 8 \\ -\ 200 + 30 + 4 \\ \hline 300 + 10 + 4 \end{array} \quad \rightarrow \quad \begin{array}{r} 5\ 4\ 8 \\ -\ 2\ 3\ 4 \\ \hline 3\ 1\ 4 \end{array}$$

Subtract the units first, then the tens, and then the hundreds.
548 subtract 234 is 314.

1 Complete these.

a) 5 8 9 − 1 3 7 = _____

b) 7 6 2 − 2 1 1 = _____

c) 9 6 5 − 4 4 4 = _____

d) 6 6 9 − 3 5 8 = _____

e) 4 3 9 − 1 2 5 = _____

f) 8 1 4 − 5 0 2 = _____

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2 Answer these. Line them up carefully when you write them out.

a) 765 – 343 =

b) 854 – 232 =

c) 743 – 312 =

d) 876 – 346 =

e) 673 – 451 =

f) 986 – 346 =

g) 967 – 143 =

h) 694 – 472 =

3 What is the difference between these pairs of numbers?

a) 684 and 341

b) 235 and 704

c) 692 and 481

d) 357 and 598

Try this

The digits 1, 2, 3 and 4 are missing from these subtractions. Complete the subtractions.

$$\begin{array}{r} 6\ 9\ \square \\ -\ \square\ 8\ 1 \\ \hline 4\ 1\ 0 \end{array} \qquad \begin{array}{r} 7\ \square\ 8 \\ -\ 6\ 1\ 5 \\ \hline 1\ 3\ \square \end{array}$$

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Subtracting 4-digit numbers: no renaming

Example
What is 6847 subtract 2615?

1 Subtract the units.
2 Subtract the tens.
3 Subtract the hundreds.
4 Subtract the thousands.

Th	+	H	+	T	+	U
6000	+	800	+	40	+	7
− 2000	+	600	+	10	+	5
4000	+	200	+	30	+	2

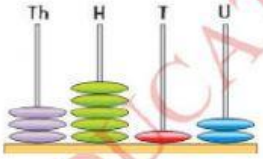
→

Th	H	T	U
6	8	4	7
− 2	6	1	5
4	2	3	2

1 Complete these.
Cover beads on each abacus to help you subtract.

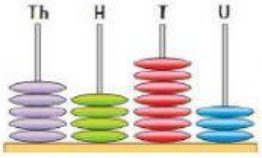
a)

Th	H	T	U
3	5	1	2
− 1	0	1	0



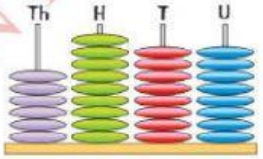
b)

Th	H	T	U
5	4	7	3
− 4	2	0	3



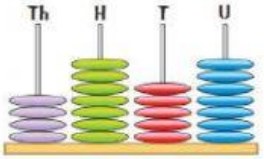
c)

Th	H	T	U
6	9	8	8
− 2	5	0	0



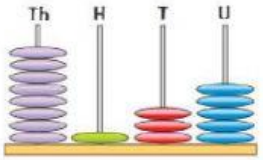
d)

Th	H	T	U
4	7	5	7
− 3	4	1	2



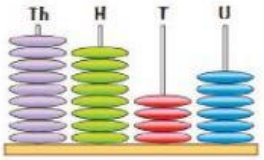
e)

Th	H	T	U
8	1	3	5
− 7	1	1	2



f)

Th	H	T	U
9	8	4	6
− 2	2	4	3



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2 Complete these.

a)
$$\begin{array}{r} 8\,4\,5\,4 \\ -\,3\,2\,1\,2 \\ \hline \\ \hline \end{array}$$

b)
$$\begin{array}{r} 5\,9\,6\,5 \\ -\,4\,7\,3\,1 \\ \hline \\ \hline \end{array}$$

c)
$$\begin{array}{r} 9\,1\,2\,7 \\ -\,2\,1\,0\,3 \\ \hline \\ \hline \end{array}$$

d)
$$\begin{array}{r} 6\,7\,2\,8 \\ -\,3\,4\,1\,5 \\ \hline \\ \hline \end{array}$$

e)
$$\begin{array}{r} 7\,2\,5\,9 \\ -\,4\,2\,3\,8 \\ \hline \\ \hline \end{array}$$

f)
$$\begin{array}{r} 6\,9\,3\,2 \\ -\,4\,6\,3\,0 \\ \hline \\ \hline \end{array}$$

g)
$$\begin{array}{r} 8\,3\,6\,7 \\ -\,1\,3\,5\,2 \\ \hline \\ \hline \end{array}$$

h)
$$\begin{array}{r} 9\,7\,0\,4 \\ -\,7\,3\,0\,2 \\ \hline \\ \hline \end{array}$$

i)
$$\begin{array}{r} 8\,4\,9\,3 \\ -\,6\,3\,5\,1 \\ \hline \\ \hline \end{array}$$

3 Answer these.

a) What is the difference between 3228 and 5938? ☐

b) What is 4863 subtract 2152? ☐

c) How much less is 3846 than 6987? ☐

d) What is 9258 take away 7234? ☐

e) What is the difference between 7209 and 4103? ☐

f) What is 6815 subtract 3204? ☐

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