

# 5. [Large Number +]

## Skill 5.1 Adding large numbers without carry over using columns.

MM5 11 22 33 44  
MM6 1 22 33 44

- Keep the units, tens, hundreds and thousands in their own columns.
- Work from right to left.

**Q.**

1 2 5	
+ 4 3	

**A.**

1 2 5	hundreds	tens	units
+ 4 3			

**Units:**  
 $5 + 3 = 8 \Rightarrow 8 \text{ units}$

**Tens:**  
 $2 + 4 = 6 \Rightarrow 6 \text{ tens}$

**Hundreds:**  
 $1 + 0 = 1 \Rightarrow 1 \text{ hundred}$

**1 6 8** Units first!

a)

1 3 4	
+ 2 3	

**1 5 7** Units first!

b)

4 3 7	
+ 5 2	

Units first!

c)

3 0 5	
+ 8 1	

d)

5 7 3 6	
+ 3 3	

e)

2 1 2	
4 1 3	
+ 3 1	

**6 5 6**

f)

5 3	
5 1 6	
+ 2 0	

g)

1 1 4	
8 6 3	
+ 2 2	

h)

7 1 6 4	
1 4 0 3	
+ 2 3 1	

i)

1 7 3 0	
1 5	
3 0 3 1	
+ 2 2	

**4 7 9 8**

j)

3 2 0 5	
2 1 0	
5 3 4	
+ 4 0	

k)

3 0 0	
4 0 2	
3 0 5 6	
+ 2 1	

l)

6 2 0 1	
1 4 0	
1 0 3 5	
+ 3 2 2	

- Keep the units, tens, hundreds and thousands in their own columns.
- Work from right to left.

Q.

$$\begin{array}{r} 146 \\ + 47 \\ \hline \end{array}$$

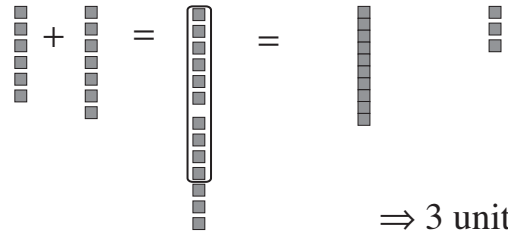
A.

$$\begin{array}{r} \text{hundreds} \quad \text{tens} \quad \text{units} \\ 1 \quad 4 \quad 6 \\ + \quad 4 \quad 7 \\ \hline 1 \quad 9 \quad 3 \end{array}$$

Units first!

**Units:**

$$6 + 7 = 13 = 1 \text{ ten} + 3 \text{ units}$$



⇒ 3 units

Carry over the 1 ten to the tens column.

**Tens:**

$$4 + 4 + 1 \text{ (carry over)} = 9 \Rightarrow 9 \text{ tens}$$

**Hundreds:**

$$1 + 0 = 1 \Rightarrow 1 \text{ hundred}$$

a)

$$\begin{array}{r} 527 \\ + 37 \\ \hline \end{array}$$

564 Units first!

b)

$$\begin{array}{r} 206 \\ + 89 \\ \hline \end{array}$$

Units first!

c)

$$\begin{array}{r} 323 \\ + 68 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 4653 \\ + 54 \\ \hline \end{array}$$

e)

$$\begin{array}{r} 328 \\ 220 \\ + 71 \\ \hline \end{array}$$

f)

$$\begin{array}{r} 41 \\ 38 \\ + 905 \\ \hline \end{array}$$

g)

$$\begin{array}{r} 202 \\ 538 \\ + 62 \\ \hline \end{array}$$

h)

$$\begin{array}{r} 2482 \\ 1397 \\ + 200 \\ \hline \end{array}$$

i)

$$\begin{array}{r} 645 \\ 21 \\ 3057 \\ + 45 \\ \hline \end{array}$$

j)

$$\begin{array}{r} 400 \\ 113 \\ 2534 \\ + 4271 \\ \hline \end{array}$$

k)

$$\begin{array}{r} 528 \\ 301 \\ 7056 \\ + 64 \\ \hline \end{array}$$

l)

$$\begin{array}{r} 6201 \\ 12 \\ 1825 \\ + 369 \\ \hline \end{array}$$

Add the digits in each place value.  
Then add the totals.

**Q.**

$$\begin{array}{r} 685 \\ + 246 \\ \hline \end{array}$$

**A.**

hundreds	tens	units
6	8	5
+	2	4
<hr/>		
9	3	1

	hundreds	tens	units
Add the units (U):		5 + 6 =	1 1
Add the tens (T):		80 + 40 =	1 2 0
Add the hundreds (H):	600 + 200 =	8 0 0	
	<hr/>		
	9	3	1

**a)**

$$\begin{array}{r} 18 \\ + 73 \\ \hline \end{array}$$

U  $8 + 3 = 11$

T  $10 + 70 = 80$

**91**

**b)**

$$\begin{array}{r} 26 \\ + 44 \\ \hline \end{array}$$

U  $6 + 4 = 10$

T  $20 + 40 =$

**c)**

$$\begin{array}{r} 37 \\ + 195 \\ \hline \end{array}$$

U =

T =

H =

**d)**

$$\begin{array}{r} 318 \\ + 46 \\ \hline \end{array}$$

U =

T =

H =

**e)**

$$\begin{array}{r} 16 \\ 512 \\ + 47 \\ \hline \end{array}$$

U  $6 + 2 + 7 = 15$

T  $10 + 10 + 40 = 60$

H  $500 = 500$

**f)**

$$\begin{array}{r} 41 \\ 473 \\ + 22 \\ \hline \end{array}$$

U =

T =

H =

**g)**

$$\begin{array}{r} 28 \\ 302 \\ + 435 \\ \hline \end{array}$$

U =

T =

H =

**h)**

$$\begin{array}{r} 132 \\ 767 \\ + 84 \\ \hline \end{array}$$

U =

T =

H =