

# 5. [Large Number +]

Skill 5.1 Adding large numbers without carry over using columns.

MM5 11 22 33 44  
MM6 11 22 33 44

- Always keep your working columns in line, aligning units with units, tens with tens, etc.
- Add from right to left.

**Q.**

$$\begin{array}{r} 125 \\ + 43 \\ \hline \end{array}$$

**A.**

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

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

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

**a)**

$$\begin{array}{r} 134 \\ + 23 \\ \hline \end{array}$$

**b)**

$$\begin{array}{r} 437 \\ + 52 \\ \hline \end{array}$$

**c)**

$$\begin{array}{r} 305 \\ + 81 \\ \hline \end{array}$$

**d)**

$$\begin{array}{r} 5736 \\ + 33 \\ \hline \end{array}$$

**e)**

$$\begin{array}{r} 251 \\ + 37 \\ \hline \end{array}$$

**f)**

$$\begin{array}{r} 303 \\ + 86 \\ \hline \end{array}$$

**g)**

$$\begin{array}{r} 914 \\ + 35 \\ \hline \end{array}$$

**h)**

$$\begin{array}{r} 4245 \\ + 742 \\ \hline \end{array}$$

**i)**

$$\begin{array}{r} 212 \\ 413 \\ + 31 \\ \hline \end{array}$$

**j)**

$$\begin{array}{r} 53 \\ 516 \\ + 20 \\ \hline \end{array}$$

**k)**

$$\begin{array}{r} 114 \\ 863 \\ + 22 \\ \hline \end{array}$$

**l)**

$$\begin{array}{r} 7164 \\ 1403 \\ + 231 \\ \hline \end{array}$$

**m)**

$$\begin{array}{r} 1730 \\ 15 \\ 3031 \\ + 22 \\ \hline \end{array}$$

**n)**

$$\begin{array}{r} 3205 \\ 210 \\ 534 \\ + 40 \\ \hline \end{array}$$

**o)**

$$\begin{array}{r} 300 \\ 402 \\ 3056 \\ + 21 \\ \hline \end{array}$$

**p)**

$$\begin{array}{r} 6201 \\ 140 \\ 1035 \\ + 322 \\ \hline \end{array}$$

## Skill 5.2 Adding large numbers with carry over using columns.

MM5 1 1 2 2 3 3 4 4  
MM6 1 1 2 2 3 3 4 4

- Always keep your working columns in line, aligning units with units, tens with tens, etc.
- Add from right to left.

Q.

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

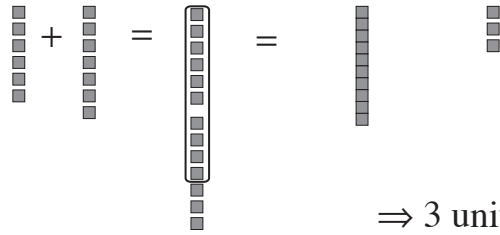
A.

$$\begin{array}{r} \text{hundreds} & \text{tens} & \text{units} \\ & 1 & \\ & 146 & \\ + & 47 & \\ \hline 193 & & \end{array}$$

Units first!

**Units:**

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



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)

$$\begin{array}{r} & 1 & \\ 527 & & \\ + 37 & & \\ \hline \end{array}$$

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)

$$\begin{array}{r} & 1 & \\ 328 & & \\ 220 & & \\ + 71 & & \\ \hline \end{array}$$

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)

$$\begin{array}{r} & 1 & 1 & \\ 645 & & & \\ & 21 & & \\ 3057 & & & \\ + & 45 & & \\ \hline \end{array}$$

j)

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

k)

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

l)

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

