

# 6. [Large Number –]

Skill 6.1 Subtracting large numbers without carry over using columns.

MM5 11 22 33 44  
MM6 1 22 33 44

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

Q.

$$\begin{array}{r} 147 \\ - 43 \\ \hline \end{array}$$

A.

$$\begin{array}{r} \text{hundreds} & \text{tens} & \text{units} \\ 1 & 4 & 7 \\ - & 4 & 3 \\ \hline 1 & 0 & 4 \end{array}$$

Units first!

**Units:**  
 $7 - 3 = 4 \Rightarrow 4 \text{ units}$

**Tens:**  
 $4 - 4 = 0 \Rightarrow 0 \text{ tens}$

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

a)

$$\begin{array}{r} 567 \\ - 25 \\ \hline \end{array}$$

542

Units first!

b)

$$\begin{array}{r} 98 \\ - 54 \\ \hline \end{array}$$

Units first!

c)

$$\begin{array}{r} 25 \\ - 20 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 436 \\ - 31 \\ \hline \end{array}$$

e)

$$\begin{array}{r} 156 \\ - 40 \\ \hline \end{array}$$

f)

$$\begin{array}{r} 534 \\ - 123 \\ \hline \end{array}$$

g)

$$\begin{array}{r} 888 \\ - 208 \\ \hline \end{array}$$

h)

$$\begin{array}{r} 795 \\ - 673 \\ \hline \end{array}$$

i)

$$\begin{array}{r} 1134 \\ - 123 \\ \hline \end{array}$$

j)

$$\begin{array}{r} 3434 \\ - 13 \\ \hline \end{array}$$

k)

$$\begin{array}{r} 6789 \\ - 123 \\ \hline \end{array}$$

l)

$$\begin{array}{r} 2505 \\ - 205 \\ \hline \end{array}$$

m)

$$\begin{array}{r} 8796 \\ - 7465 \\ \hline \end{array}$$

n)

$$\begin{array}{r} 6134 \\ - 3123 \\ \hline \end{array}$$

o)

$$\begin{array}{r} 9758 \\ - 1543 \\ \hline \end{array}$$

p)

$$\begin{array}{r} 4794 \\ - 1370 \\ \hline \end{array}$$

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

Q. 
$$\begin{array}{r} 545 \\ - 327 \\ \hline \end{array}$$

A. 
$$\begin{array}{r} \text{hundreds} \\ \text{tens} \\ \text{units} \\ 545 \\ - 327 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 1 \\ 545 \\ - 327 \\ \hline \end{array}$$

 Units first!

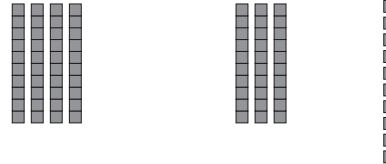
$$\begin{array}{r} 3 \quad 1 \\ 545 \\ - 327 \\ \hline \end{array}$$

 Tens next!

**Units:**

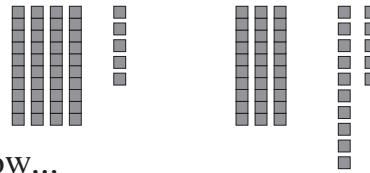
$5 - 7 = ?$  units. The result is  $< 0$ .  
To make the answer positive break down the 4 tens.

$4 \text{ tens} = 3 \text{ tens} + 10 \text{ units}$



Re-group the 10 units with the 5 units to make 15 units.

$40 + 5 = 30 + 15$



Now...

$15 - 7 = 8 \Rightarrow 8 \text{ units}$

**Tens:**

$3 - 2 = 1 \Rightarrow 1 \text{ ten}$

**Hundreds:**

$5 - 3 = 2 \Rightarrow 2 \text{ hundreds}$

a) 
$$\begin{array}{r} 632 \\ - 28 \\ \hline \end{array}$$

 Units first!

b) 
$$\begin{array}{r} 444 \\ - 28 \\ \hline \end{array}$$

 Units first!

c) 
$$\begin{array}{r} 363 \\ - 207 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 700 \\ - 46 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 577 \\ - 183 \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 2414 \\ - 65 \\ \hline \end{array}$$

g) 
$$\begin{array}{r} 6000 \\ - 457 \\ \hline \end{array}$$

h) 
$$\begin{array}{r} 3648 \\ - 388 \\ \hline \end{array}$$

i) 
$$\begin{array}{r} 4591 \\ - 2435 \\ \hline \end{array}$$

j) 
$$\begin{array}{r} 5784 \\ - 3158 \\ \hline \end{array}$$

k) 
$$\begin{array}{r} 9658 \\ - 4213 \\ \hline \end{array}$$

l) 
$$\begin{array}{r} 4372 \\ - 1076 \\ \hline \end{array}$$

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

Q.

$$\begin{array}{r} 300 \\ - 58 \\ \hline \end{array}$$

A.

hundreds tens units

$$\begin{array}{r} 291 \\ 300 \\ - 58 \\ \hline \end{array}$$

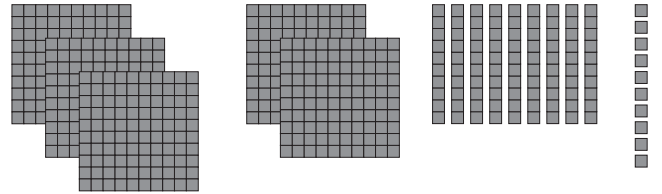
2 4 2 Units first!

**Units:**

$0 - 8 = ?$  units. The result is  $< 0$ .

To make the answer positive break down the 3 hundreds (no tens available).

**3 hundreds = 2 hundreds + 9 tens + 10 units**



Now...

$10 - 8 = 2 \Rightarrow 2$  units

**Tens:**

$9 - 5 = 4 \Rightarrow 4$  tens

**Hundreds:**

$2 - 0 = 2 \Rightarrow 2$  hundreds

a)

$$\begin{array}{r} 81 \\ 90 \\ - 7 \\ \hline \end{array}$$

8 3 Units first!

b)

$$\begin{array}{r} 30 \\ - 4 \\ \hline \end{array}$$

Units first!

c)

$$\begin{array}{r} 60 \\ - 5 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 40 \\ - 8 \\ \hline \end{array}$$

e)

$$\begin{array}{r} 400 \\ - 5 \\ \hline \end{array}$$

f)

$$\begin{array}{r} 600 \\ - 3 \\ \hline \end{array}$$

g)

$$\begin{array}{r} 500 \\ - 9 \\ \hline \end{array}$$

h)

$$\begin{array}{r} 200 \\ - 6 \\ \hline \end{array}$$

i)

$$\begin{array}{r} 20 \\ - 16 \\ \hline \end{array}$$

j)

$$\begin{array}{r} 50 \\ - 13 \\ \hline \end{array}$$

k)

$$\begin{array}{r} 70 \\ - 45 \\ \hline \end{array}$$

l)

$$\begin{array}{r} 80 \\ - 14 \\ \hline \end{array}$$

m)

$$\begin{array}{r} 300 \\ - 22 \\ \hline \end{array}$$

n)

$$\begin{array}{r} 700 \\ - 19 \\ \hline \end{array}$$

o)

$$\begin{array}{r} 900 \\ - 57 \\ \hline \end{array}$$

p)

$$\begin{array}{r} 800 \\ - 63 \\ \hline \end{array}$$