

# 6. [Large Number –]

Skill 6.1 Subtracting large numbers without carry over using columns.

MMS 11 22 33 44  
MMG 11 22 33 44

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

**Q.**

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

**A.**

hundreds	tens	units	
1	4	7	
-	4	3	
1	0	4	Units first!

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

**Tens:**  
 $4 - 4 = 0 \Rightarrow 0$  tens

**Hundreds:**  
 $1 - 0 = 1 \Rightarrow 1$  hundred

a)  $\begin{array}{r} 567 \\ - 25 \\ \hline \end{array}$  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)  $\begin{array}{r} 4794 \\ - 1370 \\ \hline \end{array}$

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

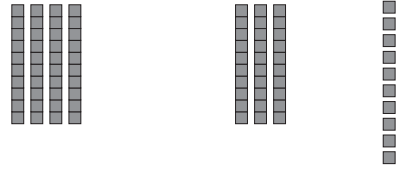
Q. 
$$\begin{array}{r} 545 \\ - 327 \\ \hline \end{array}$$

A. 
$$\begin{array}{r} \text{hundreds} \quad \text{tens} \quad \text{units} \\ 5 \quad 4 \quad 5 \\ - 3 \quad 2 \quad 7 \\ \hline \end{array}$$

**Units:**

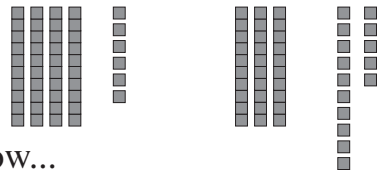
$5 - 7 = ?$  units. The result is  $< 0$ .  
To make the answer positive break down the 4 tens.

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



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

$40 + 5 = 30 + 15$



Now...

$15 - 7 = 8$

$\Rightarrow 8$  units

**Tens:**

$3 - 2 = 1$

$\Rightarrow 1$  ten

**Hundreds:**

$5 - 3 = 2$

$\Rightarrow 2$  hundreds

$$\begin{array}{r} 3 \quad 1 \\ 5 \quad 4 \quad 5 \\ - 3 \quad 2 \quad 7 \\ \hline \end{array}$$
 Units first!

$$\begin{array}{r} 3 \quad 1 \\ 5 \quad 4 \quad 5 \\ - 3 \quad 2 \quad 7 \\ \hline \end{array}$$
 Tens next!

a) 
$$\begin{array}{r} 6 \quad 3 \quad 2 \\ - 2 \quad 8 \\ \hline \end{array}$$
 Units first!

b) 
$$\begin{array}{r} 4 \quad 4 \quad 4 \\ - 2 \quad 8 \\ \hline \end{array}$$
 Units first!

c) 
$$\begin{array}{r} 3 \quad 6 \quad 3 \\ - 2 \quad 0 \quad 7 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 7 \quad 0 \quad 0 \\ - 4 \quad 6 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 5 \quad 7 \quad 7 \\ - 1 \quad 8 \quad 3 \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 2 \quad 4 \quad 1 \quad 4 \\ - \quad \quad 6 \quad 5 \\ \hline \end{array}$$

g) 
$$\begin{array}{r} 6 \quad 0 \quad 0 \quad 0 \\ - \quad \quad 4 \quad 5 \quad 7 \\ \hline \end{array}$$

h) 
$$\begin{array}{r} 3 \quad 6 \quad 4 \quad 8 \\ - \quad \quad 3 \quad 8 \quad 8 \\ \hline \end{array}$$

i) 
$$\begin{array}{r} 4 \quad 5 \quad 9 \quad 1 \\ - 2 \quad 4 \quad 3 \quad 5 \\ \hline \end{array}$$

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

k) 
$$\begin{array}{r} 9 \quad 6 \quad 5 \quad 8 \\ - 4 \quad 2 \quad 1 \quad 3 \\ \hline \end{array}$$

l) 
$$\begin{array}{r} 4 \quad 3 \quad 7 \quad 2 \\ - 1 \quad 0 \quad 7 \quad 6 \\ \hline \end{array}$$

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

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

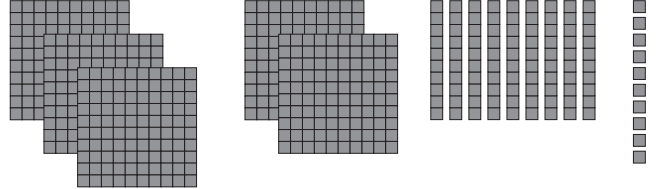
A. 
$$\begin{array}{r} \text{hundreds} & \text{tens} & \text{units} \\ 2 & 9 & 10 \\ \cancel{3} & \cancel{0} & \cancel{0} \\ - & 5 & 8 \\ \hline 2 & 4 & 2 \end{array}$$
 Units first!

**Units:**

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

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

$3 \text{ hundreds} = 2 \text{ hundreds} + 9 \text{ tens} + 10 \text{ units}$



Now...

$$10 - 8 = 2$$

$\Rightarrow 2$  units

**Tens:**

$$9 - 5 = 4$$

$\Rightarrow 4$  tens

**Hundreds:**

$$2 - 0 = 2$$

$\Rightarrow 2$  hundreds

a) 
$$\begin{array}{r} 8 & 1 \\ \cancel{9} & 0 \\ - & 7 \\ \hline 8 & 3 \end{array}$$
 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) 
$$\begin{array}{r} 800 \\ - 63 \\ \hline \end{array}$$