

# Lesson 2d

**Objective: Use Addition to subtract greater numbers.**

Complete on a separate sheet of paper and turn in to the basket.

**Warm-up:** Add the following problems.

1.  $946 + 838 =$
2.  $12,312 + 5,702 + 568 =$
3.  $4,289 + 3,603 =$
4.  $73,274 + 24,126 =$
5.  $8,178 + 723 =$

$$\begin{array}{r}
 6,395 \\
 - 2,768 \\
 \hline
 \end{array}
 \begin{array}{c}
 \longrightarrow \\
 \longrightarrow
 \end{array}
 \begin{array}{r}
 6,000 \\
 - 3,000 \\
 \hline
 3,000
 \end{array}$$

The difference should be about 3,000  
Then complete the subtraction.

Subtract the ones. Since  $8 > 5$ , you must regroup.  
1 ten as 10 ones.

$$\begin{array}{r}
 \phantom{0}^8 \phantom{0}^{15} \\
 6,3\cancel{9}5 \\
 - 2,768 \\
 \hline
 \phantom{0}^7
 \end{array}$$

Subtract the tens

$$\begin{array}{r}
 \phantom{0}^8 \phantom{0}^{15} \\
 6,3\cancel{9}5 \\
 - 2,768 \\
 \hline
 \phantom{0}^2 \phantom{0}^7
 \end{array}$$

Subtract the hundreds.  
Since  $7 > 3$ , regroup 1  
thousand as 10  
hundreds.

$$\begin{array}{r}
 \phantom{0}^5 \phantom{0}^{13} \phantom{0}^8 \phantom{0}^{15} \\
 6,3\cancel{9}5 \\
 - 2,768 \\
 \hline
 \phantom{0}^6 \phantom{0}^{27}
 \end{array}$$

Subtract the thousands.

$$\begin{array}{r}
 \phantom{0}^5 \phantom{0}^{13} \phantom{0}^8 \phantom{0}^{15} \\
 6,395 \\
 - 2,768 \\
 \hline
 3,627
 \end{array}$$

**Be careful with Zeros in subtraction.**

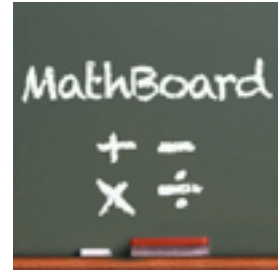
$$\begin{array}{r}
 \phantom{0}^2 \phantom{0}^9 \phantom{0}^9 \phantom{0}^{15} \\
 30,058 \\
 - 17,874 \\
 \hline
 12,184
 \end{array}$$

## App on the iPad: MathBoard

MathBoard

Settings:

- Operator Types – Subtraction
- Number of Problems – 20
- Problem Style – Vertical
- Answer Style – Fill in the Blank
- Number Range –
  - Minimum – 500
  - Maximum – 6,000



**Homework: Subtraction Worksheet**