Long Division

```
   th h t o
     1
6 ) 8 1 1 8
   - 6
     2
```

```
   th h t o
     1 3
6 ) 8 1 1 8
   - 6
     2 1
    -1 8
       3
```

```
   th h t o
     1 3 5
6 ) 8 1 1 8
   - 6
     2 1
    -1 8
       3 1
     - 3 0
         1
```

```
   th h t o
     1 3 5 3
6 ) 8 1 1 8
   - 6
     2 1
    -1 8
       3 1
     - 3 0
         1 8
       - 1 8
           0
```

Review the steps of long division with this example.

Check by multiplying:

```
  1 3 5 3
×       6
```

1. Divide. If the divisor does not "go into" the thousands digit, then combine the thousands with the hundreds, and look at the **first two digits**.

a. 7)2058 Check:

b. 9)3933 Check:

c. 6)3282 Check:

d. 6)4134 Check:

Sample worksheet from
www.mathmammoth.com