Add Greater Numbers

You can use place-value charts to add.
Estimate. Then find the sum:

$$\begin{array}{r} 2,833 \\ +175 \\ \hline \end{array}$$

Estimate : $\quad 2,833 \quad \rightarrow \quad 2,800$
$$\underline{+175} \quad \rightarrow \quad \underline{+200}$$

STEP 1 Add the ones.

Thousands	Hundreds	Tens	Ones
2,	8	3	3
+	1	7	5
			8

STEP 2 Add the tens.

10 tens = 1 hundred, and 0 Tens

Thousands	Hundreds	Tens	Ones
	1		
2,	8	3	3
+	1	7	5
		0	8

Grade 3

STEP 3 Add the hundreds.

10 hundreds = 1 thousand, and 0 hundreds.

Thousands	Hundreds	Tens	Ones
1	1		
2,	8	3	3
+	1	7	5
	0	0	8

STEP 4 Add the thousands.

Thousands	Hundreds	Tens	Ones
1	1		
2,	8	3	3
	1	7	5
3	0	0	8

(+ to the left of the table)

So, $2,833 + 175 = 3,008.$ Since 3,008 is close to your estimated sum of 3,000, your answer is reasonable.

Examples:

A- Estimate. Then find each sum.

1)

```
  3,178        3,000
+ 3,789       +4,000
  6,967        7,000
```

2)

```
  5,984        6,000
+   776       +1,000
  6,760        7,000
```

3)

```
  4,726        5,000
+ 4,412       + 4,000
  9,138        9,000
```

4)

```
  3,844        4,000
+   165       +  200
  4,009        4,200
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My Real Life

A- Mona sold 1,587 shirts one month and 1,703 shirts next month. How many shirts did she sell in all?

1,587 + 1,703 = 3,290 shirts

B- The school library has 289 science books and 342 animal books. How many science and animal books does the library have altogether?

289 + 342 = 631 books.