

Date: _____

Chapter 3 Section C: Add and Subtract Numbers to 1000 (3.C.1)

Objective:

Estimate, add and subtract whole numbers up to three digits (regrouping of ones or tens)

When we add or subtract numbers vertically we use the place value chart and we start with the **1s place**.

Example: $238 + 147 =$

- When we **add** vertically, we use the place value chart:

H T O

$$\begin{array}{r} 238 \\ + 147 \\ \hline \end{array}$$

385 is the **sum**

- We start with the digit in the **1s** place.

$$\begin{array}{r} \textcircled{+1} \\ 238 \\ + 147 \\ \hline \textcircled{1} \textcircled{5} \end{array}$$

$8 + 7 = 15$, 15 is a 2-digit number.
We can't **fit** a 2-digit number in 1s place
We regroup 15 as 1 ten and 5 ones.

- Then we add the digits in the **10s** place then the **100s** place.

$$\begin{array}{r} \textcircled{+1} \\ 238 \\ + 147 \\ \hline 38\textcircled{5} \end{array}$$

10s place: $3 + 4 = 7$
 $7 + 1 = 8$,
100s place: $2 + 1 = 3$

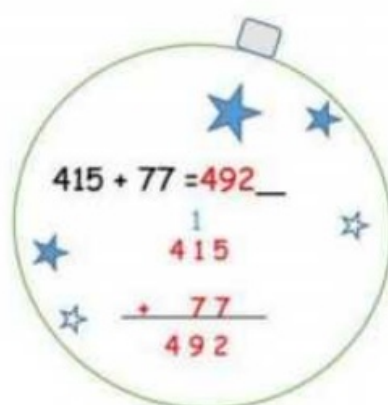
Date: _____

Chapter 3 Lesson C :

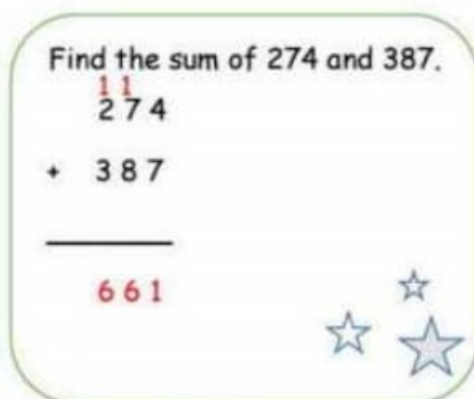
Add and Subtract Numbers to 1000 (3.C.1)

Q1.a) Add the following numbers vertically. Show your working clearly.

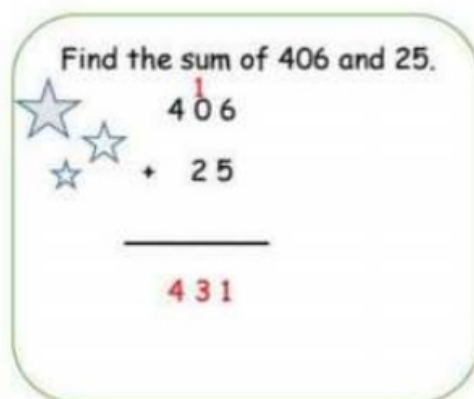

$$\begin{array}{r} 892 + 19 = \underline{911} \\ \begin{array}{r} 11 \\ 892 \\ + 19 \\ \hline 911 \end{array} \end{array}$$


$$\begin{array}{r} 415 + 77 = \underline{492} \\ \begin{array}{r} 1 \\ 415 \\ + 77 \\ \hline 492 \end{array} \end{array}$$

Find the sum of 274 and 387.


$$\begin{array}{r} 274 \\ + 387 \\ \hline 661 \end{array}$$

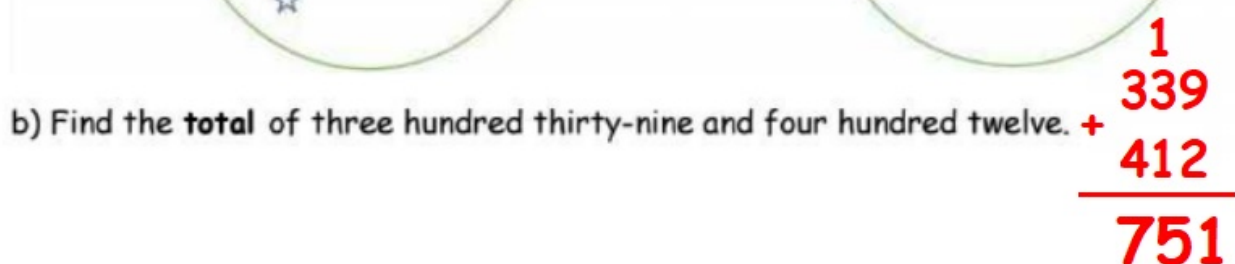
Find the sum of 406 and 25.


$$\begin{array}{r} 406 \\ + 25 \\ \hline 431 \end{array}$$


$$\begin{array}{r} 763 \\ + 19 \\ \hline 782 \end{array}$$


$$\begin{array}{r} 827 \\ + 88 \\ \hline 915 \end{array}$$

b) Find the **total** of three hundred thirty-nine and four hundred twelve.


$$\begin{array}{r} 339 \\ + 412 \\ \hline 751 \end{array}$$

Q2. Subtract the following numbers vertically. Show your working clearly.

$$183 - 6 = 177$$

$$\begin{array}{r} 183 \\ - 6 \\ \hline 177 \end{array}$$

$$390 - 79 = 311$$

$$\begin{array}{r} 390 \\ - 79 \\ \hline 311 \end{array}$$

$$147 - 48 = 99$$

$$\begin{array}{r} 147 \\ - 48 \\ \hline 99 \end{array}$$

$$500 - 66 = 434$$

$$\begin{array}{r} 500 \\ - 66 \\ \hline 434 \end{array}$$

Q3.

The difference between 673 and 574 is: 99

$$\begin{array}{r} 673 \\ - 574 \\ \hline 99 \end{array}$$

The difference between 55 and 144 is: 89

$$\begin{array}{r} 144 \\ - 55 \\ \hline 89 \end{array}$$

Q4. What is 274 more than seven hundred fifty? _____

$$\begin{array}{r} 1 \text{ } 274 \\ + \text{ } 750 \\ \hline 1024 \end{array}$$

Q5. How much more is 251 than 390? _____

$$\begin{array}{r} 8 \text{ } 10 \\ 390 \\ - \text{ } 251 \\ \hline 139 \end{array}$$

Q6. Add the following numbers by making a ten or a hundred.

One has been done for you.

a) $33 + 17 = 50$

Add the tens $30 + 10 = 40$
 Add the ones $3 + 7 = 10$
 Add both sums together $40 + 10 = 50$

b) $220 + 180 = 400$

Add the hundreds $200 + 100 = 300$
 Add the tens $20 + 80 = 100$
 Add the sums $300 + 100 = 400$

c) $109 + 501 = 610$

Add the hundreds $100 + 500 = 600$
 Add the ones $9 + 1 = 10$
 Add the sum $600 + 10 = 610$