## addiing and subtracting

## Objectives:

- Students will fluently add and subtract within 1000 , using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
- Students will mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900.
- Students are able to explain why addition and subtraction strategies work, using place value and the properties of operations.


## Standard Method

| 11 | 1. Add $3+9=12$. <br> 353 <br> +289$\quad$2. Write the 2 below the 9 ; carry <br> the 1 above the 5. <br> 3. Add $1+5+8=14$. Write the 4 <br> below the $8 ;$ carry the 1. |
| :--- | :--- |
| 642 | 4. Add $1+3+2=6$. Write the 6 <br> below the 2. <br> 5. Answer: 642. |

## Grouping Method

Think about 353 as
$300+50+3$ and
$+289$
289 as $200+80+$
9.

642

$$
\begin{aligned}
& \text { Add } 300+200 \\
& \text { Add } 50+80 \\
& \text { Add } 3+9 \\
& \text { Answer: } 500+130 \\
& +12=642
\end{aligned}
$$


$\square \square \square \square \square \square \square \square \square \square$ $\square \square$

Group together hundreds, tens, and ones.


Final Answer
6 hundreds $=600$
4 tens $=40$
2 ones = 2
$=642$

