## Adding and Subtracting Integers

## Adding Integers

$$
\begin{aligned}
& \oplus+\oplus=\oplus \\
& \Theta+\Theta=\Theta \\
& ++\Theta=\Theta \\
& ++\odot=\Theta
\end{aligned}
$$

## Karaoke Time!

## Addition Rule: Sung to the tune of "Row, row, row, your boat"

Same signs add and keep, different signs subtract,
keep the sign of the higher number, then it will be exact!

## Keep

Whenever you see subtraction, you can apply Keep Change Change to turn it to addition

$$
\begin{aligned}
& -5-7=-5+(-7) \\
& 10-(-3)=10+3
\end{aligned}
$$

1. Keep the $1^{\text {st }}$ number the same
2. Change the subtraction sign to an addition sign
3. Change the sign of the second number to the opposite sign
a) Negative becomes positive
b) Positive becomes negative

## ADDING INTEGERS

|  |  |  |
| :---: | :---: | :---: |
|  | Stememe | $6+2=8$ |
|  | Thesem | (.6) $+(2)=8$ |
|  |  | $8+(-2)=6$ |
|  | beam |  |
|  | The sign (positive or negative) of the answer will be the sign of the larger number. | $(-8)+2=-6$ |



## Keep Change Change

Keep the first
number the
same


So... $12-(-6)=18$

