## ADDING AND SUBTRACTING INTEGERS

THE BIG QUESTION - SAME OR DIFFERENT?
RULE \#1:
If the signs of the integers are the same, add them together and keep the sign.

Example 1:
$-4+-3=$ ?
SAME
SO, ADD
KEEP-
$-4+-3=-7$

Example 2:
$4+9=$ ?
SAME
$S O-A D D$ !
KEEP+
$4+9=+13$
or 13

RULE \#2:
If the signs of the integers are different, subtract them and keep the sign of the larger number.

| Example 3: | Example 4: |
| :--- | :--- |
| $-3+6=?$ | $5-8=?$ |
| DIFFERENT | SAMEAS |
| SO,SUBTRACT | $5+-8=?$ |
| $6>3$ | DIFFERENT |
| KEEP + | SO,SUBTRACT |
| $-3+6=+3$ | $8>5$ |
| or | KEEP- |
| 3 | $5-8=-3$ |

