Add & Keep the Sign!

Why??
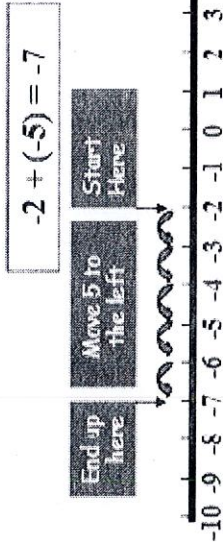
Look at a number line:

4 + 4 = 8

-2 + (-5) = -7
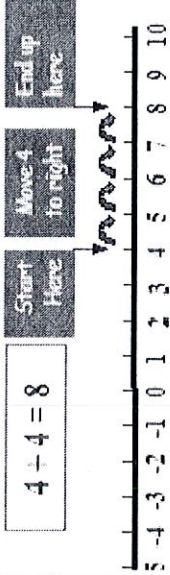
Or, use counters:

4 + 4 = 8

+ + + +
+ + + +

-2 + -5 = -7

– –
– – – – –

Examples:

9 + 10 = 19

-9 + -10 = -19

48 + 12 = 60

-48 + -12 = -60

Subtract & Take Sign of the Number w/ Higher Absolute Value!
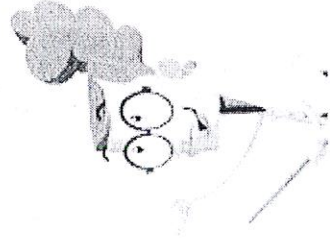
Why??

Look at a number line:

Think of a number line.

Example: -8 + 12

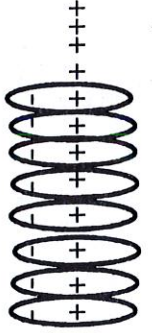Starting at -8 and adding 12, I will go past 0 on the number line. How far beyond 0 will I be?

Use subtraction to find how far beyond.
12 minus the 8 you know it takes to get to zero
12 – 8 = 4. I will be 4 to the right of 0. So, -8 + 12 = 4

Or, use counters:

-8 + 12 = 4

Examples:

-9 + 10 = 1

9 + -10 = -1

-48 + 12 = -36

48 + -12 = 36