Integers Rules Addition

Subtraction

Same Signs? KEEP THEM!

$$(+) + (+) = (+)$$

$$(-) + (-) = (-)$$

Different signs?

Find the difference between the two numbers and

Take the sign of the LARGER number

Example

$$(+5) + (-7) = (-2)$$

$$(-8) + (+15) = (+7)$$

"Add the Opposite"

KEEP the firsts number

CHANGE the subtraction to addition

CHANGE the sign of the second number

Then Use the Addition Rules!



Example:

$$(-5)$$
 - (-7) \rightarrow (-5) + $(+7)$

Multiplication and Division

Multiply or divide the NUMBERS to find the product.

Same Signs?

ANSWER IS ALWAYS POSITIVE (+)

Different Sign?
ANSWER IS ALWAYS NEGATIVE (-)

