

# Addition & Subtraction

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

$$(+)-(+)=+ \text{ or } -$$

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

$$(-)-(-)=+ \text{ or } -$$

$$(+)+(-)=\begin{matrix} + & - \\ \text{sign of} \\ \text{the number} \\ \text{furthest} \\ \text{from 0} \end{matrix}$$

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

subtracting a negative means to add

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

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

# INTEGER

## Rules

### Multiplication & Division

$$(+)\cdot(+)=+$$

$$(+)\div(+)=+$$

$$(-)\cdot(-)=+$$

$$(-)\div(-)=+$$

$$(+)\cdot(-)=-$$

$$(+)\div(-)=-$$

$$(-)\cdot(+)=-$$

$$(-)\div(+)=-$$

Same results