

## MATH FORMULAS

### For Addition and Subtraction

POS AND POS = POS (ALWAYS ADD) EXAMPLES:  $4 + 5 = 9$ ,  $3 - (-2) = 5$

NEG AND NEG = NEG (ALWAYS ADD) EXAMPLES:  $-5 - 6 = -11$ ,  $-3 - (+8) = -11$

POS AND NEG = (ALWAYS SUBTRACT) TAKE SIGN OF BIGGER NUMBER EXAMPLE:  $+3 - 7 = -4$

NEG AND POS = (ALWAYS SUBTRACT) TAKE SIGN OF BIGGER NUMBER EXAMPLE:  $-6 + 7 = 1$

### FOR MULTIPLICATION AND DIVISION

POS X POS = POS

POS / POS = POS

NEG X NEG = POS

NEG/NEG = POS

POS X NEG = NEG

POS/NEG = NEG

NEG X POS = NEG

NEG/ POS = NEG