

- ① Solve Graphically  
(Hint: Use GDC)

$$4\sqrt{x+5} = 2^x + 3\sqrt{-x}$$

- ② Solve for N

$$M = \frac{1}{4}(M+N)$$

W

A

R

M

U

P

- ④ Solve  $|x| = 6$

- ⑤ Solve  $2|x-3| = 10$

- ③ Show an algebraic check to see if  $x=2$  is a solution to the equation:

$$5 - x + x^3 = 4^x + 1$$

- ⑥ Solve the inequality  
 $5|x+2| - 4 \leq 16$

Get your GDC ready:

1. Solve graphically.  $X =$

2. Now add \_\_\_\_\_ to both sides and solve graphically again.  $x =$

3. Lastly, set your equation equal to zero and solve graphically one last time.