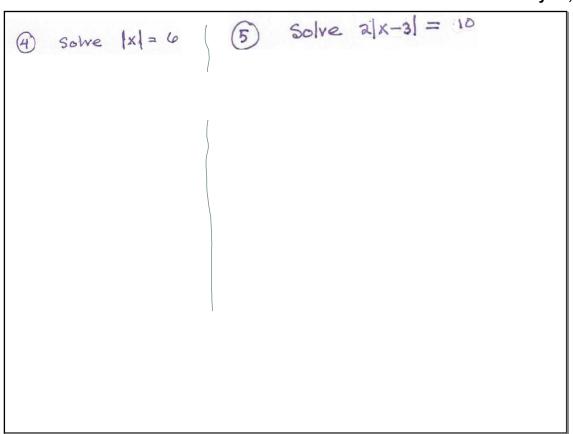


(2) Solve for N  
4 
$$M = \frac{1}{4}(m+n) + M$$
  
 $\frac{4M}{-m} = \frac{M+N}{-m}$   
 $\frac{3M}{-m} = N$   
 $\frac{1}{2+X}$   
 $\frac{2+X}{7_3}$ 

(3) show an algebraic  
check to see if  

$$x = 2$$
 is a solution  
to the equation:  
 $5 - x + x^3 = 4^{x} + 1$   
 $5 - (2) + 2^{3} + 4^{2} + 1$   
 $5 - 2 + 8$   
 $16 + 1$   
 $3 + 8$   
 $11 + 17$   
So  $\chi = 2$  is Not-  
a solution

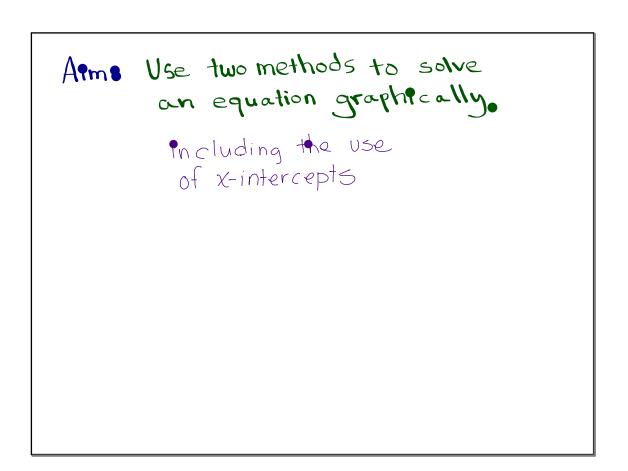


$$\begin{array}{c} \textcircled{6} & \text{Solve the inequality} \\ 5 & |x+2|-4| \leq 16 \\ & 5 & |x+2| \leq 20 \\ & |x+2| \leq 4 \\ & -6 & 2 \\ \hline \\ & x & +2 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -2 \\ \hline \\ & x & +2 & -2 \\ \hline \\ & x & +2 & -2 \\ \hline \\ & x & +2 & -2 \\ \hline \\ & x & +2 & -2 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -4 \\ \hline \\ & x & +2 & -6 \\ \hline \end{array}$$



You'll See the solutions Monday



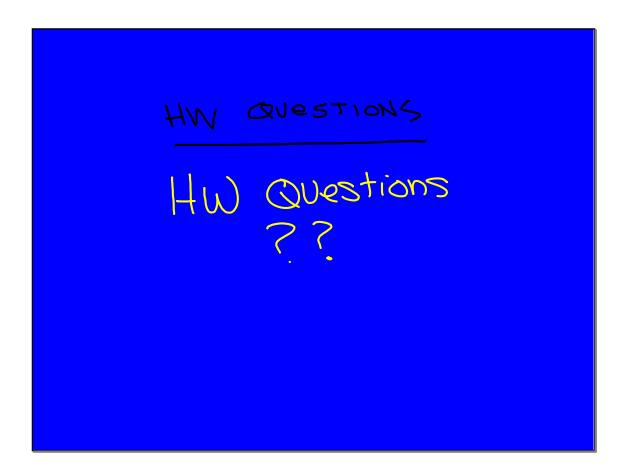


Get your GDC ready : 1. Solve - 2 VX = - 5 graphically. X = 6.25 y = -2/x y = -52. Now add X to both sides x= 6.25 and solve graphically again  $-2\sqrt{x} + \chi = -5+\chi$ 3. Lostly, set your equation equal  $\chi = 6.25$ to zero and solve graphically one last time. -2[x+5=0]

Get your GDC ready : 1. Solve  $-2\sqrt{x} = -5$  graphically. x = 0.252. Now add X to both sides x= 6.25 and solve graphically again 3. Lostly, set your equation equal to zero and solve graphically one last time.

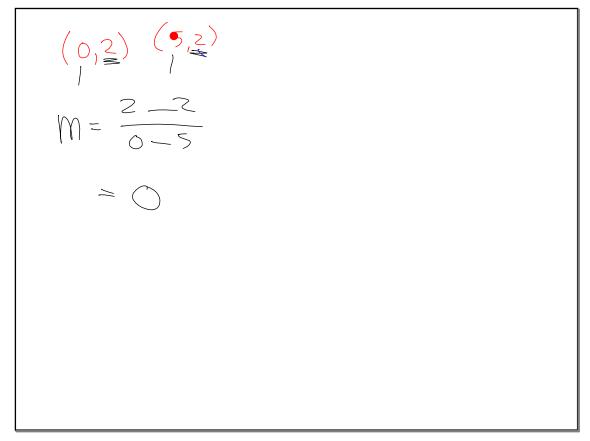
## February 21, 2020

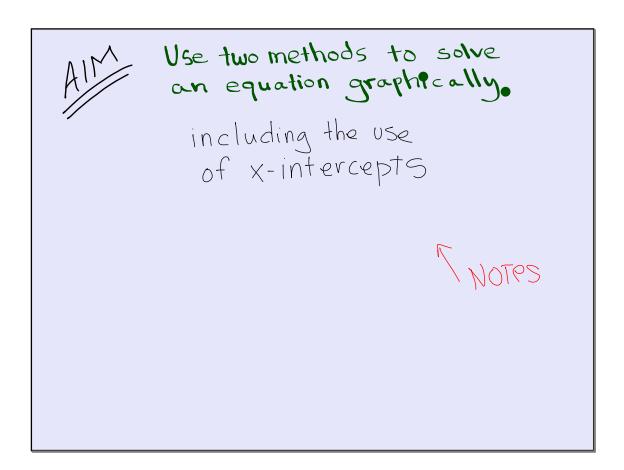
Get your GDC ready : 1. Solve  $-2\sqrt{x} = -5$  graphically. X = 0.252. Now add X to both sides x= 6.25 and solve graphically again 3. Lostly, set your equation equal  $\chi = 6.25$ to zero and solve prophically to zero and solve graphically one last time.

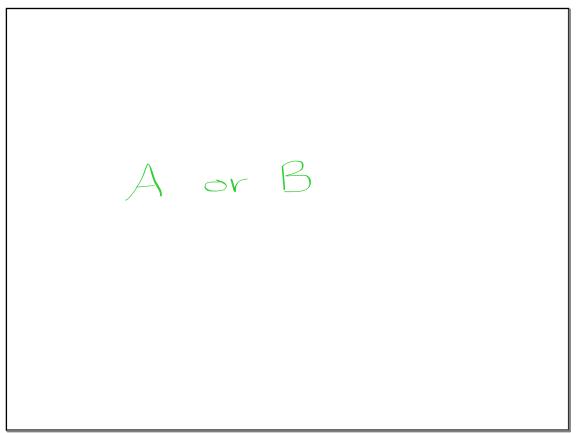


$$4-8$$
 b  $7((m+1) - 3) = 21$ 

$$\bigcirc \quad \frac{X}{2} + \frac{X}{3} = \frac{5x+2}{6}$$

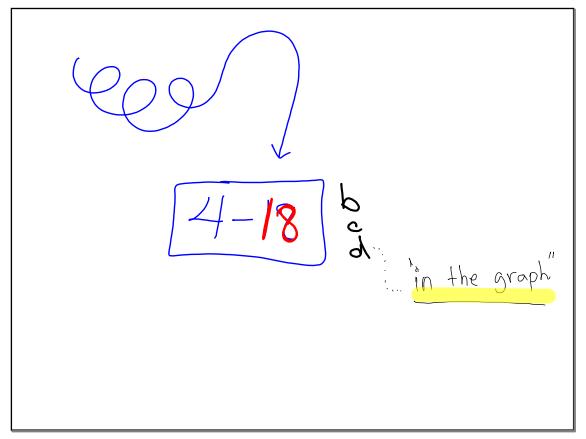






• Renails/Peris calculators down  
• Discuss  
• How many solutions do you predict the  
following equation to have?  

$$2x^2 + 5x - 3 = x^2 + 4x + 3$$
  
RUNNER - WRITE POUR Teams  
answer down and bring  
it to me



c) Where did Guston get 
$$y = x^2 + x - 6$$
 ???  
 $q_{x^2} + 5x - 3 = x^2 + 4x + 3$ 

d) How can you see the solutions  
to 
$$2x^2 + 5x - 3 = x^2 + 4x + 3$$
 equation  
to  $2x^2 + 5x - 3 = x^2 + 4x + 3$  equation  
the graph of  $y = x^2 + x - 6$ ?  
Function  
by looking for the  
 $x$ -intercepts of  
 $y = x^2 + x - 6$ 

d) How can you "see" the solutions  
to 
$$2x^2 + 5x - 3 = x^2 + 4x + 3$$
 equation  
in the graph of  $y = x^2 + x - 6$ ?  
Subscription  
by  $\cdot \cdot \cdot \cdot \log(\log \alpha)$  at the x-interpts  
of  $y = x^2 + x - 6$ 

