## BOARD NOTES

22 JANUARY 2020

 $\square$ 

 $\mathbf{a}$ 

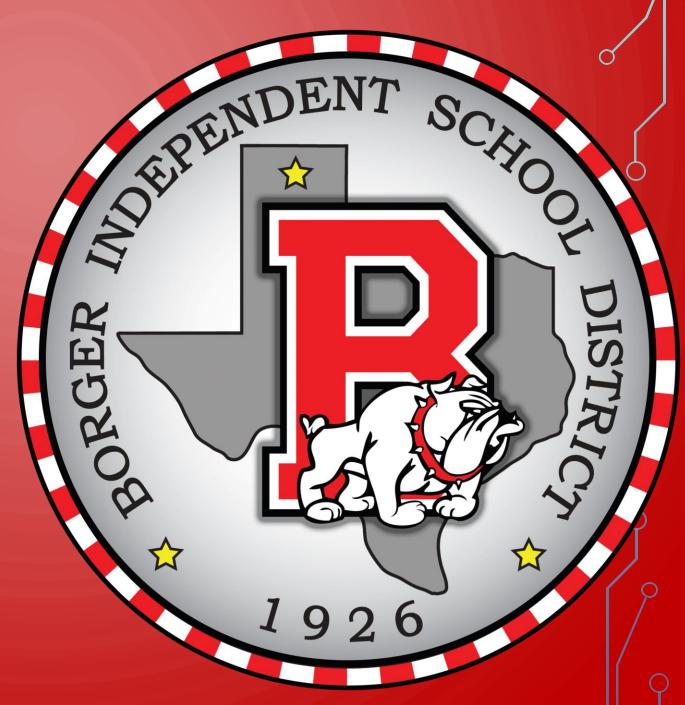
Q

B

 $\bigcirc$ 

 $\mathbb{O}$ 

Q





2A.7 (F) determine the sum, difference, product, and quotient of rational expressions with integral exponents of degree one and of degree two;



## We will be able to simplify complex fractions.



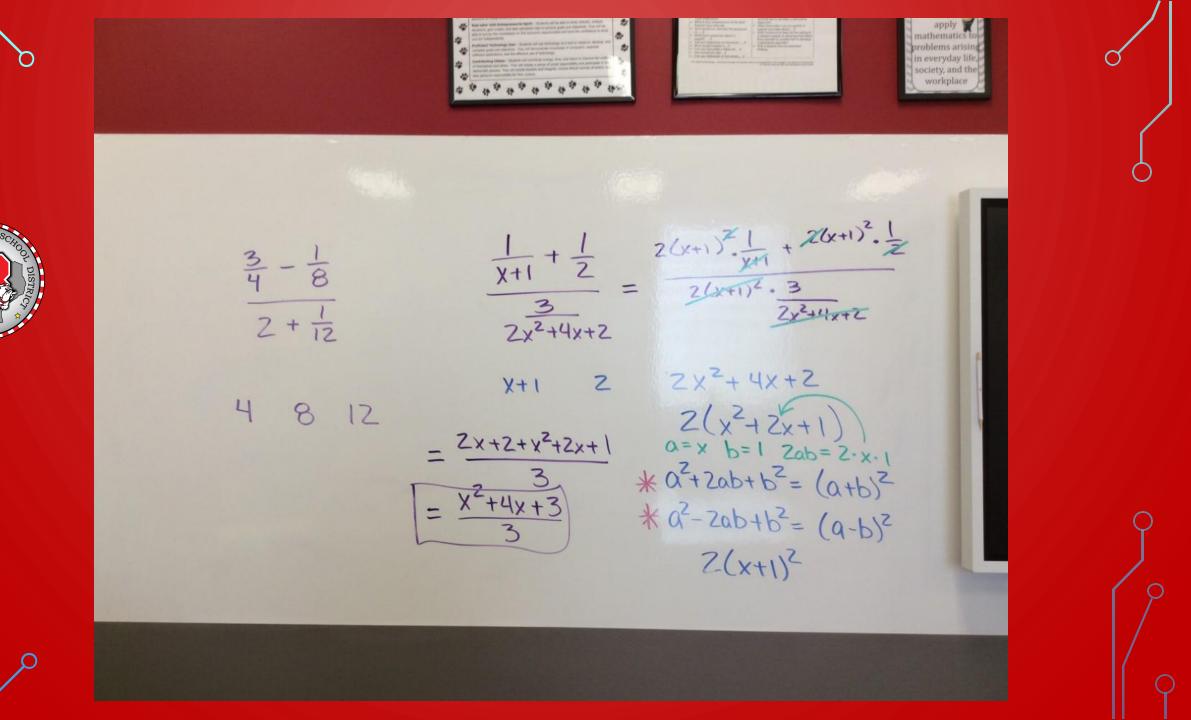
## WHAT WE NEED:

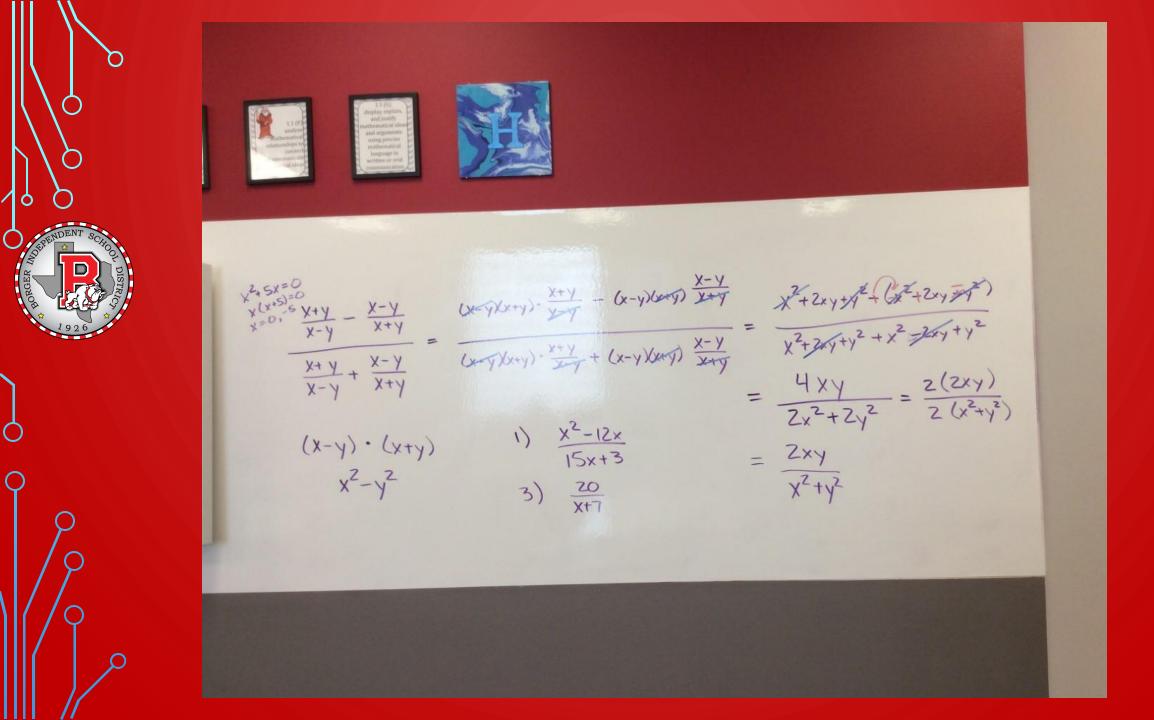
• TI-84

## I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVEN THE

• Equation









Valentire's  $x\left(\frac{5}{x}+2=\frac{6}{x}\right) \rightarrow 5+2x=6$  Zx=1 $(\chi^2 + \chi) \left( \frac{3}{\chi^2 + \chi} \right)$ LCD X 1  $\chi^2 + \chi =$  $X = \frac{1}{2}$ X+1 LHS  $\frac{5}{\frac{1}{2}} + 2 = 5 \cdot \frac{2}{7} + 2 = 12$ RHS  $\frac{6}{\frac{1}{2}} = 6 \cdot \frac{2}{7} = 12$ X X

days until :



days until Valentiris ! Day\_\_\_\_

12

 $(x^{2}+x)\left(\frac{3}{x^{2}+x}+\frac{3}{x+1}=-\frac{1}{x}\right) \to 3+3x=-(x+1)$  3+3x=-x-1  $x^{2}+x=x(x+1)=LCD$  4x=-4No Solu  $\chi^2 + \chi = \chi(\chi + i) = LCD$ X+1 X = -1X LHS  $\frac{3}{(-1)^2-1} + \frac{3}{-1+1}$ 

