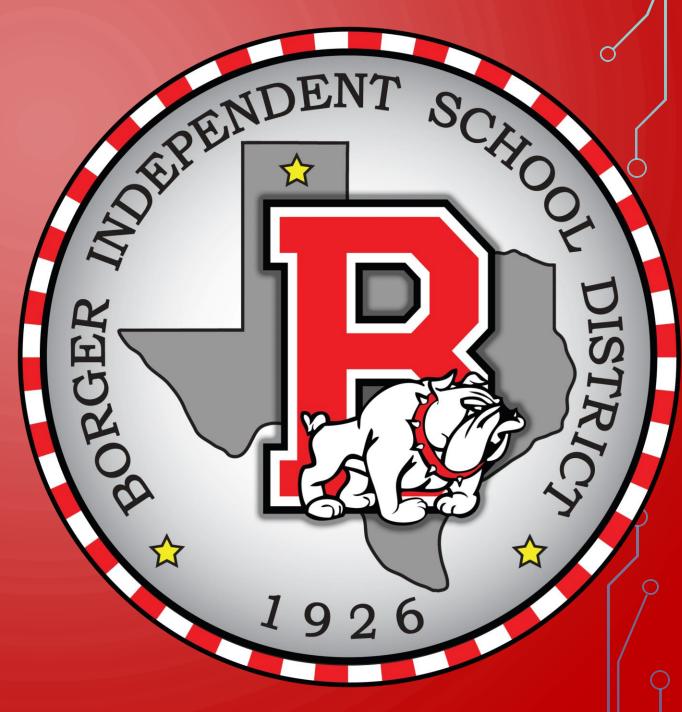
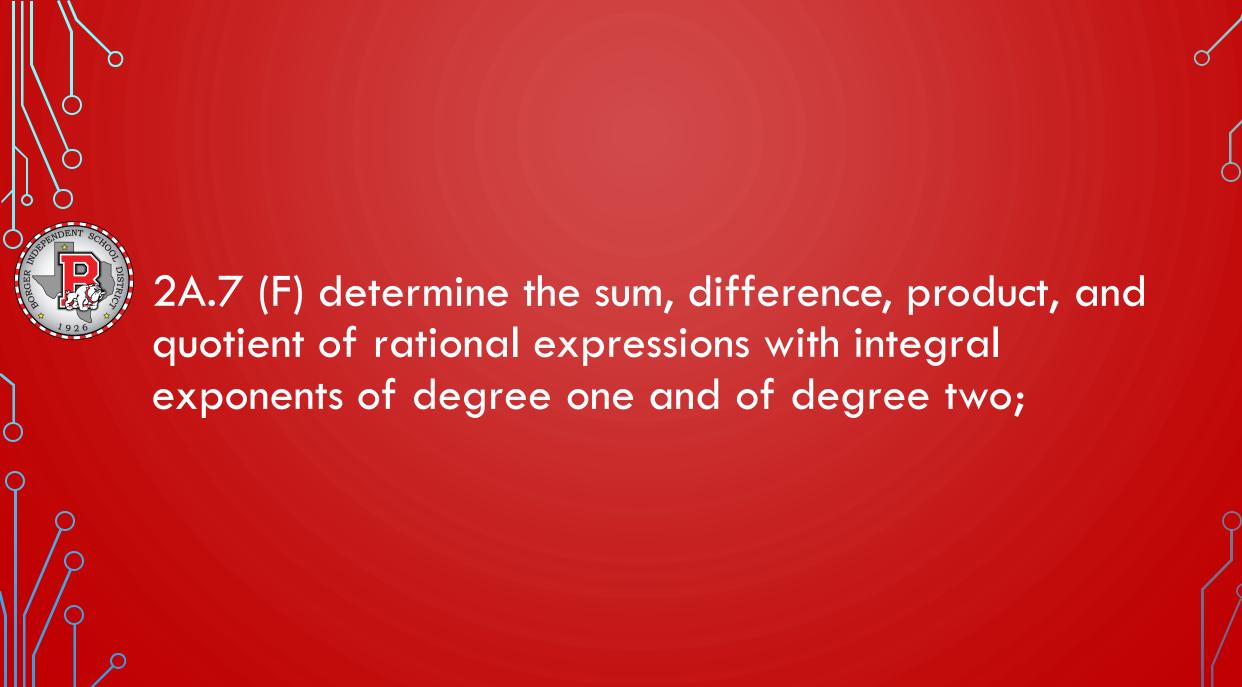
## BOARD NOTES

7 JANUARY 2020





## We will be able to simplify complex fractions.



WHAT WE NEED:

• TI-84

I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVEN THE

Equation



Same Name and Committee of the good of the committee of the good of the committee of the good of the committee of the committ	Building Statement Statement and Statement Sta





$$\frac{24(3-6)}{49-8} = \frac{6\cdot 3-3\cdot 1}{48+2\cdot 1} = \frac{18-3}{48+2} = \frac{15}{50} = \frac{3}{10}$$

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$$\frac{1}{(x+2)}$$

$$\frac{\chi(x+2) \cdot \frac{1}{x+2}}{[\chi(x+2)](6 + \frac{4}{x})} = \frac{\chi}{(6(x^2+2x) + \chi(x+2) \cdot \frac{4}{x})}$$

$$= \frac{\chi}{(6(x^2+2x) + 4(x+2))} = \frac{\chi}{(6x^2+16y+8)}$$



[(x-1)(x+1)]

[(x-1)(x+1)

$$12x \left( \frac{1}{x} + \frac{3}{2x} \right) \qquad x \qquad 2x \quad 3x \quad 4x$$

$$12x \left( \frac{1}{3x} + \frac{3}{4x} \right) \qquad LCD: \quad X \cdot 2 \cdot 3 \cdot 2$$

$$\frac{12 \cdot 1 + (6 \cdot 3)}{4 \cdot 1 + 3 \cdot 3} = \boxed{\frac{30}{13}} \qquad = 12x$$









$$f(x) = 4x - 7$$
  
 $y = 4x - 7$   
 $x = 4y - 7$   
 $x + 7 = 4y$   
 $y = \frac{x + 7}{4}$   
 $y(x) = \frac{x + 7}{4}$ 

$$0 f(g(x)) = 4\left(\frac{x+7}{4}\right) - 7$$

$$= (x+7) - 7$$

$$= x$$

$$0 g(f(x)) = \frac{(4x-7)+7}{4}$$

$$= \frac{4x}{4} : By 0 = 0$$

$$= x$$

$$= x$$

$$g(x) = f^{-1}(x)$$