

1st Nine Weeks Math Project!!!

10/9/15

4th period

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Introduction!!!

Objective: We are doing this equation project to show our skills and knowledge on equations and multiplicative inverse, addition property of inequality, etc...

Definition Of an Equation-A statement that the values of two mathematical expressions are equal (indicated by the sign =)

Solving Equations #1

$$\begin{array}{r|l} 4x = 2/5 & \\ -4 & -4 \\ \hline x = -3.5 & \end{array}$$

Your equation is $4x = \frac{2}{5}$ so first you would subtract 4 from each side and it cancels out you get -3.5

SOLVING EQUATIONS #2

$$x - 1/4 = 2/5$$

SOLVING EQUATIONS #3

$$15 - \frac{2}{3}x = 20$$

SOLVING EQUATIONS #4

$$5 - 2(-3) = -23$$

step 1. first your going to add 2 to each side now your equation should look like this $5(-3) = -21$

step 2. then your going to

okay lets say that your equation is $6x - 3y = 12$ i am going to solve the entire problem.

$$6x - 3y = 12$$

$$-3y = -6x + 12$$

$$\begin{array}{r} -3 \end{array} \quad \begin{array}{r} -3 \end{array}$$

$$y = -2x + 4$$

$$\begin{array}{r} -3 \end{array} \quad \begin{array}{r} -3 \end{array}$$

$$y = 2x - 4$$

these are the steps on how to solve a two variable equation.

$$8m + -3 = 1$$