\*Learning Target:

\*Critical Content:

Solve an Equation –

Equivalent Equations –

Addition Property of Equality

 - If an equation is

Subtraction Property of Equality

 - If an equation is

Multiplication Property of Equality

 - If an equation is

Division Property of Equality

 - If an equation is

**SHOW YOUR WORK**
Ex1: Solve $c-22=54$ Ex1a: $113=g-25$ Ex1b: $j-87=-3$

Ex2: $63+m=79$ Ex2a: $27+k=30$ Ex2b: $-12=p+16$

Ex3: $\frac{2}{3}q=\frac{1}{2}$ Ex3a: $\frac{3}{5}k=6$ Ex3b: $-\frac{1}{4}=\frac{2}{3}b$

Ex4: A recent survey of 13-15 year old girls was conducted. Of those surveyed, 225, or about $\frac{9}{20}$, said they talk on the telephone while they watch television. About how many girls were surveyed?

Ex4: Allison is making a stained glass panel that requires one-fifth of the glass to be blue. She has 288 square inches of blue glass. How much glass will she need for the entire project?