\*Learning Target:

\*Critical Content:

Absolute value –

Ex1: Evaluate $\left|m+6\right|-14$ if $m=4$ Ex1: Evaluate $23-|3-4x|$ if $x=2$

\*Absolute value equations can have \_\_\_\_\_\_\_ solutions.

**Solve the following and then graph the solution set.**

Ex2a: $\left|f+5\right|=17$ Ex2b: $\left|b-1\right|=-3$

Ex3: The temperature of an enclosure for a pet snake should be about 80 degrees give or take five degrees. Find the maximum and minimum temperatures.

\*We can write absolute value equations from graphs using the following formula:

$$\left|x-\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\right|=\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$$

Ex4: Write an equation involving absolute value for the graph.

Ex 4: Write an equation involving absolute value for the graph.

