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| \*Learning Target: |
| \*Critical Content: |

System of inequalities-

\*The solution to a system of inequalities is

\*REMEMBER:

Ex1: $\left\{\begin{array}{c}y>-2x+1\\y\leq x+3\end{array}\right.$ Ex2: $\left\{\begin{array}{c}3x-y\geq 2\\3x-y<-5\end{array}\right.$

\*Ex3: The Theater Club is selling shirts. They have only enough supplies to print 120 shirts. They will sell sweatshirts for $22 and t-shirts for $15, with a goal of at least $2,000 in sales. Define a system of inequalities, graph the system, and name one possible solution. Is (45, 30) a solution? Explain.