NAME: $\qquad$ DATE: $\qquad$ CLASS: $\qquad$
Multi-Step Equations - How Many Solutions?
Directions: Solve each equation for the missing variable. You must show ALL your work! Circle the correct answer and color the corresponding areas on the coloring sheet.
$\left.\begin{array}{|l|c|c|c|c|}\hline \text { I. }-(6 x-5)=-6 x+13 & \begin{array}{c}x=\frac{17}{12} \\ \text { Brown }\end{array} & \begin{array}{c}\text { No } \\ \text { solution } \\ \text { Red }\end{array} & \begin{array}{c}x=-\frac{17}{12} \\ \text { Orange }\end{array} & \begin{array}{c}\text { Infinite } \\ \text { Solutions } \\ \text { Yellow }\end{array} \\ \hline \text { 2. } 13+2 k=3 k+4(k-3) & k=5 & k=-5 & k=\frac{1}{5} \\ \text { Yellow }\end{array} \quad \begin{array}{c}\text { No } \\ \text { Black } \\ \text { Relution } \\ \text { Green }\end{array}\right]$


