Warm Up:
What is the solution of \( \frac{12}{b} = 36 \)?

\[ b = 5 \]

ACT Question:
What is the solution of \( 2(x - 5) = 2 - x \)?

A.) -4  B.) 7/3  C.) 4  D.) -3  E.) -12

Vocabulary:

Graph: is a graph that is

Graph: is composed of isolated

Example 1:
What is the graph of the function rule?
**Example 2:**
What is the graph of the function rule $y = 1x - 1$?

**Example 3:** (with your shoulder buddy)
What is the graph of the function rule $y = 4x - 5$?

**Example 4:**
Graph each function rule. Tell whether the graph is continuous or discrete.
The cost $C$, in dollars for a health club membership depends on the number $m$ of whole months you join. This situation is represented by the function rule $C = 49 + 20m$.

**Example 5:**
Graph each function rule. Tell whether the graph is continuous or discrete.
The cost $C$, in dollars for bananas depends on the weight $w$, in pounds, of the bananas. This situation is represented by the function rule $C = 0.5w$. 
Example 6:  
Graph each function rule.  

Example 7:  
Graph each function rule.  

Example 8:  (with your shoulder buddy)  
Graph each function rule.

Summary  
What should you do when graphing a function rule?  

What is the difference between continuous and discrete graphs?