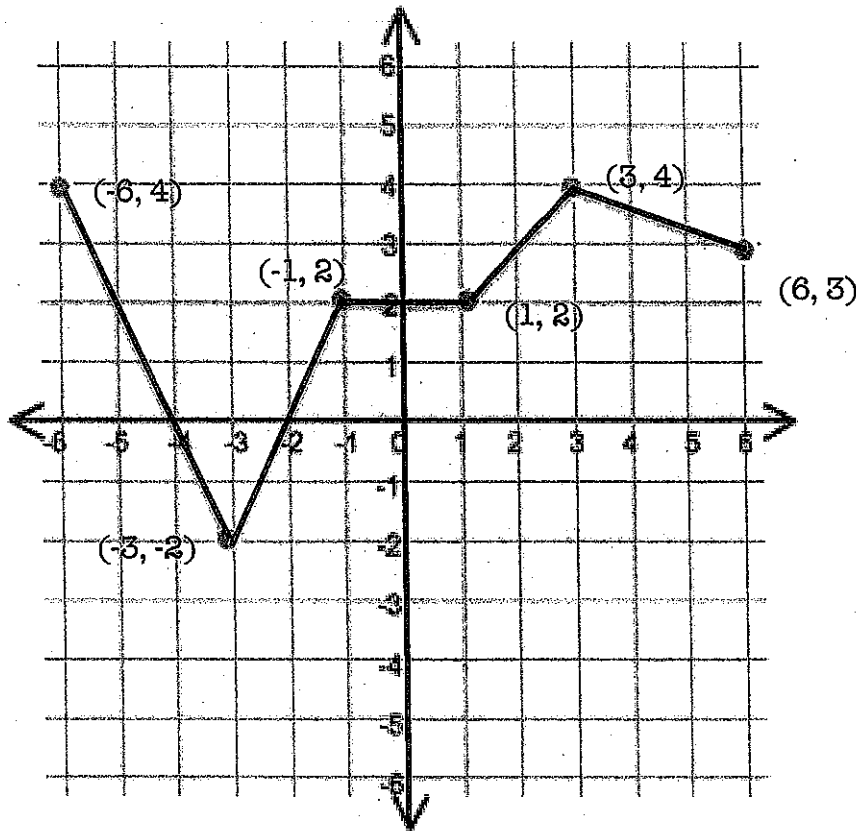


Piecewise Functions Worksheet #1



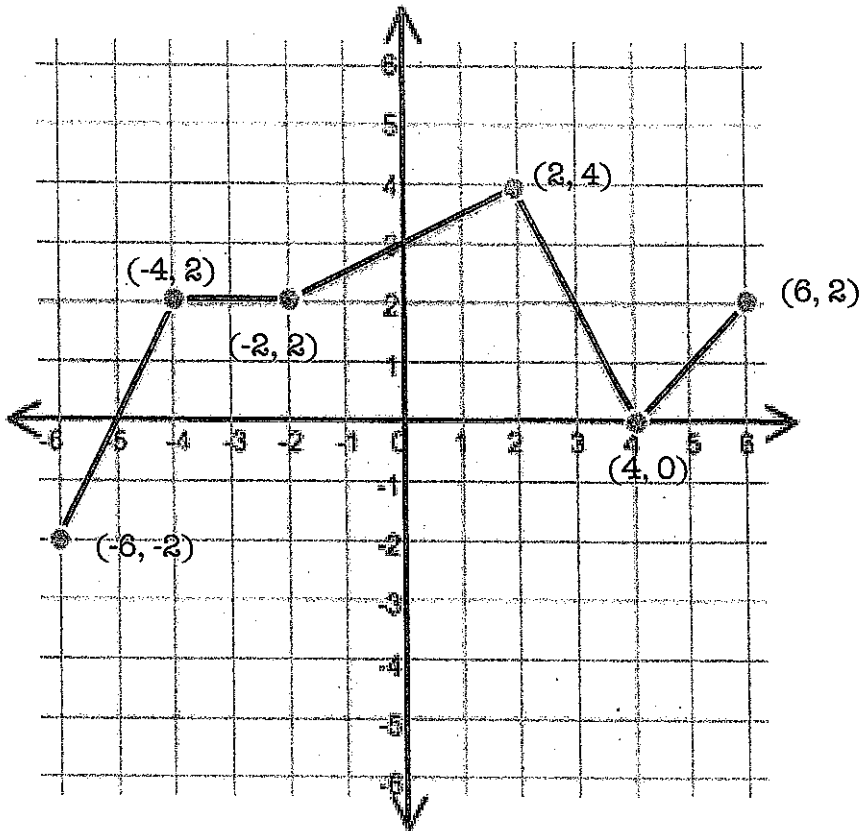
This is the graph of $f(x)$. It has 5 pieces.

Outline each piece of the graph in a different color.

Starting with the piece of the graph all the way to the left, write an equation for each piece of the graph.

$$f(x) = \left\{ \begin{array}{l} \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \end{array} \right.$$

Piecewise Functions Worksheet #2



This is the graph of $g(x)$. It has 5 pieces.
 Outline each piece of the graph in a different color.
 Starting with the piece of the graph all the way to the left, write an
 equation for each piece of the graph.

$$g(x) = \left\{ \begin{array}{l} \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \\ \underline{\hspace{2cm}}, \quad \underline{\hspace{1cm}} \leq x < \underline{\hspace{1cm}} \end{array} \right.$$