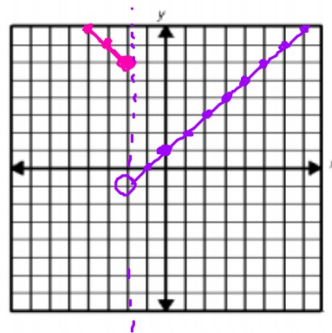


Content and Language Objective:

Students will use what they know about writing and graphing piecewise functions to complete a matching game so they can prove that they understand piecewise functions.

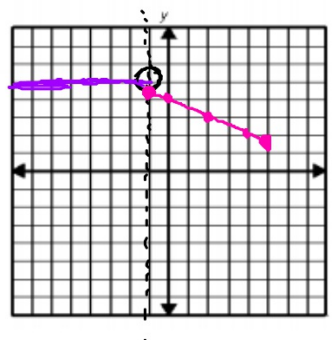
Warm-Up

$$1) g(x) = \begin{cases} -x+4 & \text{if } x \leq -2 \\ x+1 & \text{if } x > -2 \end{cases}$$



$$2) f(x) = \begin{cases} 5 & \text{if } x < -1 \\ -\frac{1}{2}x + 4 & \text{if } -1 \leq x \leq 5 \end{cases}$$

$$-\frac{1}{2}(-1) + 4$$
$$\frac{1}{2} + 4 = 4\frac{1}{2}$$



Content and Language Objective:

Students will use what they know about writing and graphing piecewise functions to complete a matching game so they can prove that they understand piecewise functions.

Let's read through the objective and fill in the statements below:

Students will use what they know about writing
and graphing piecewise functions

In order to Complete a matching game

So they can prove they understand piecewise functions

Content and Language Objective:

Students will use what they know about writing and graphing piecewise functions to complete a matching game so they can prove that they understand piecewise functions.

Students will work in pairs to analyze piecewise functions to help them fill in a graphic organizer.

- **Each group will need set of scissors and a glue stick.**
- **Putting the Pieces Together Worksheet**

Content and Language Objective:

Students will use what they know about writing and graphing piecewise functions to complete a matching game so they can prove that they understand piecewise functions.

- **Get your activity out from yesterday and continue working on it in your table group.**

