G3

Creating a Neighborhood

Help design the layout of our new Woodland Flat’s neighborhood. Students must be able to walk less than 25 units to get to school actually walking along the streets, no cutting through yards to get there. There are 4 homes that need to be placed in the neighborhood as follows: Amy’s house, Arnold’s house, Kevin’s house and Kelly’s house.

* Amy’s parents want to live the furthest distance north from the school.
* Kevin’s parents want to live the furthest distance west from the school.
* The school is located at (-2, -2) on the blueprint for the neighborhood.
* No two homes are built within the same quadrant of the map.

Identify where each home is located by its address (ordered pair).