

## Architecture Assignment

Name \_\_\_\_\_ Blk \_\_\_\_\_

**Objective:** Create a floor plan of a potential house in which someone could live in.

**Materials :** Graph Paper, Ruler, Markers

**Standards:** 8.EE.2

### Instructions:

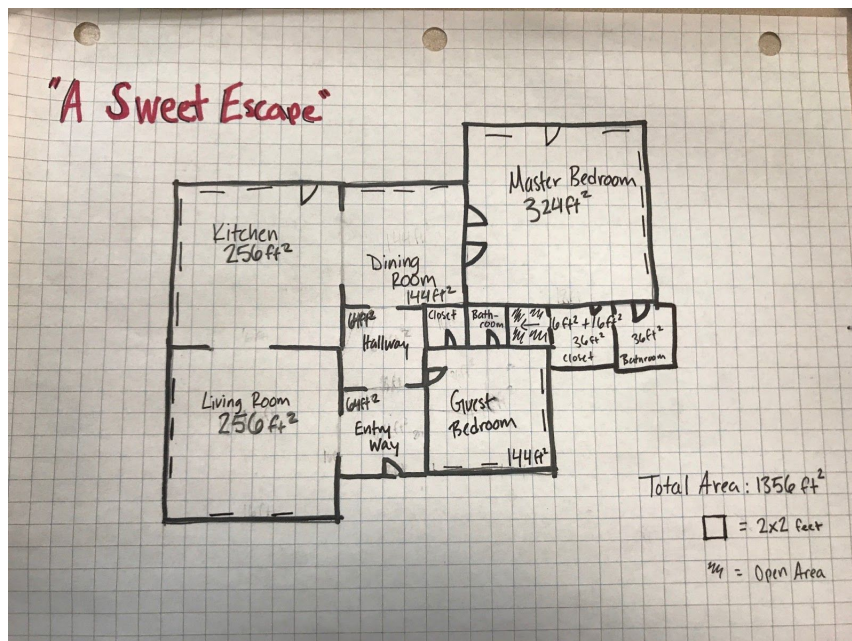
Your chief architect has given you an assignment to complete by tomorrow. He wants you to create a floor plan for a 1-story house with a maximum area of 1,500 square feet. But there is a catch; your rooms have to be in the shapes of squares and nothing else.

You must include at least one bedroom, a kitchen, and one bathroom. Name your house "Fixer Upper" style. For example: "The Green House", "The Quite Bungalow", "The Ragin' Cajun", etc.

Once you have drawn out a room you must label it with its area.. When everything is labeled, you may begin to "install" windows and doors.

Be creative!

An example is shown below.



			Totals
Scale	The scale factor is not accurate throughout entire floor plan. 0 pts	The scale factor is clearly labeled and used throughout the floor plan. 5 pts	
Area	The total square footage is over 1,500 sq ft. 0pts	The total square footage is under 1,500 sq. ft. 5 pts	
Labels	The rooms are not labeled 0 pts	The rooms are labeled. 5 pts	
Kitchen	The room is not a square. 0 pts	The room is a square. 5 pts	
Bedroom	The room is not a square. 0 pts	The room is a square. 5 pts	
Bathroom	The room is not a square. 0 pts	The room is a square. 5 pts	
Appearance	The project looks sloppy, no house name, and lacks creativity. 0 pts	The project is neat, has a house name, and is thriving with creativity. 5pts	
Self Reflection	The self reflection is not turned in with the teacher rubric 0 pts	The self reflection is turned in with the teacher rubric. 5 pts	

Total: \_\_\_\_\_/40