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## **Geometry Unit 4 Task "Living Room Furniture"**

## **Criterion B: Patterns and C: Communications**

After moving into a new apartment, the Thompsons decided on the layout below for their living room. (The distance between gridlines is 1 foot.) Note the four corner points of each piece of furniture in the diagram below:

## **Living Room Furniture Layout (Before)**

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Piece of Furniture	Corner 1 Coordinates	Corner 2 Coordinates	Corner 3 Coordinates	Corner 4 Coordinates		
Sofa	(-9,-1)	(-6,-1)	(6,-9)	(-9,-9)		
Coffee Table	(-5,-3)	(-3,-3)	(-3,-7)	(-5,-7)		
End table	(-8,4)	(-6,4)	(-6,2)	(-8,-2)		
Chair	(-9,7)	(-6,7)	(-6,4)	(-9,4)		
Lamp	(-9,9)	(-8,9)	(-8,8)	(-9,8)		
Bookcase	(2,9)	(9,9)	(9,8)	(2,8)		
Area Rug	(-2,3)	(3,3)	(3,-3)	(-2,-3)		
Tv stand	(8,2)	(9,2)	(9,-2)	(8,-2)		

## Directions to Redecorate the Living Room!!

