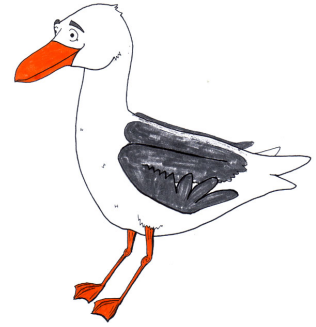


Herry's House Map



If you could take the roof off of a house, you would have a bird's eye view of the rooms - a map of the house.
A map of a house is called a FLOOR PLAN.

A FLOOR PLAN has a scale.

Look at the floor plan for the house – and look at the scale.
The scale is 1 inch = 4 feet.
Every inch on the floor plan represents 4 feet of house.
Every $\frac{1}{4}$ inch on the floor plan represents 1 foot of house.

How big are the rooms?
You will need a ruler to solve these problems.

Example:

On the floor plan, the bathroom is 2 inches by $2\frac{1}{4}$ inches.
Each inch = 4 feet.
In real life, the bathroom is 8 feet by 9 feet.

1. The kitchen is _____ inches by _____ inches on the floor plan.
In real life, the kitchen is _____ feet by _____ feet.
2. The mud room is _____ inches by _____ inches on the floor plan.
In real life, the living room is _____ feet by _____ feet.
3. The living room is _____ inches by _____ inches on the floor plan.
In real life, the living room is _____ feet by _____ feet.
4. The big bedroom is _____ inches by _____ inches on the floor plan.
In real life, the big bedroom is _____ feet by _____ feet.
5. The little bedroom is _____ inches by _____ inches on the floor plan.
In real life, the little bedroom is _____ feet by _____ feet.

Trickier....

How wide and long is the entire house?

Think like Herry – bird's eye view. Can you draw a floor plan for a room in your house? Draw in the furniture, too.



BNY MELLON.

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Answer key – Herry's House Map

Kitchen = $5 \frac{1}{4}$ inches by $2 \frac{3}{4}$ inches, 21 feet by 11 feet

Mud room = 1 inch by $1 \frac{1}{4}$ inches, 4 feet by 5 feet

Living Room = $5 \frac{1}{4}$ inches by $3 \frac{1}{4}$ inches, 21 feet by 13 feet

Big bedroom = $3 \frac{3}{4}$ inches by $2 \frac{1}{2}$ inches, 15 feet by 10 feet

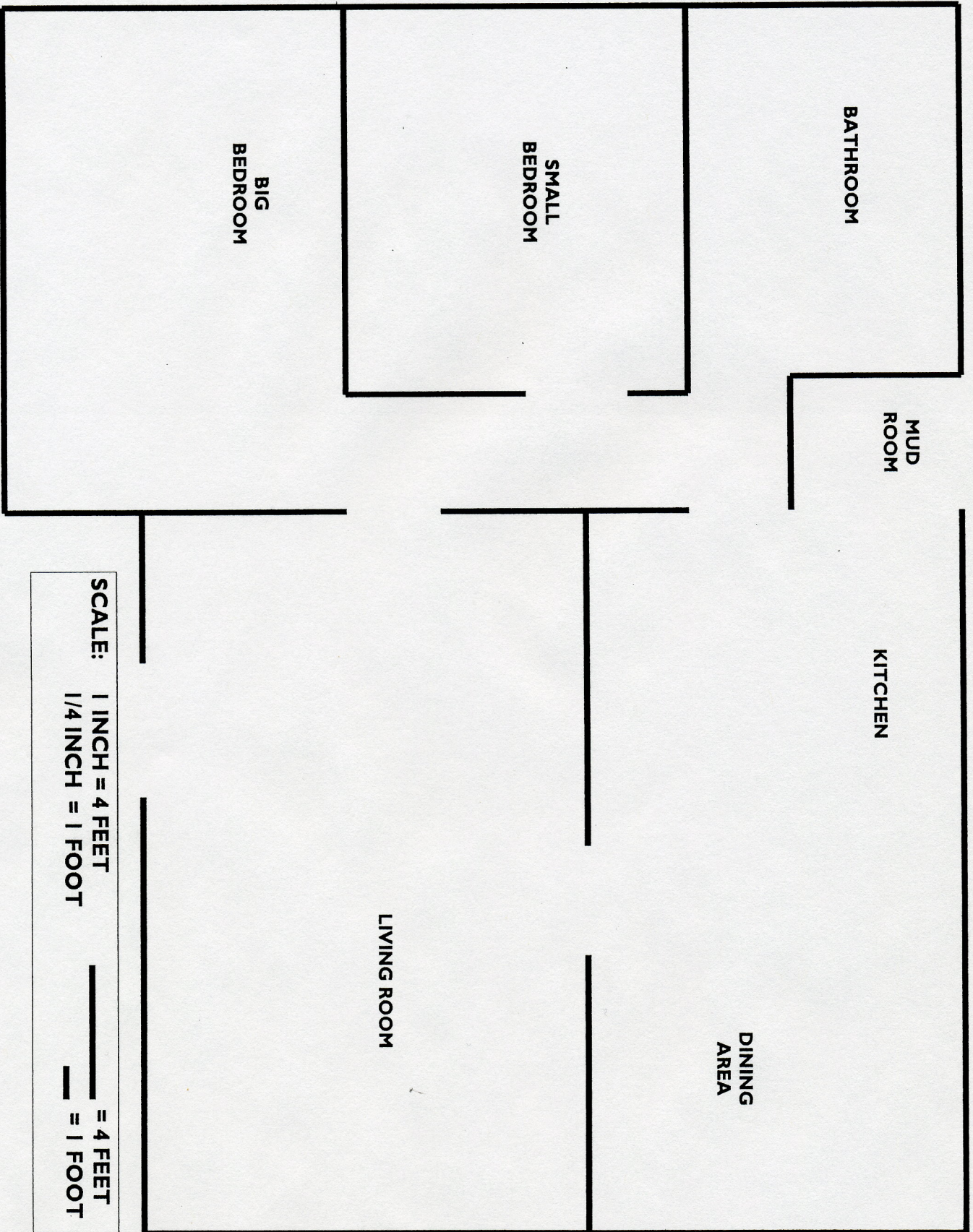
Small bedroom = $2 \frac{3}{4}$ inches by $2 \frac{1}{2}$ inches, 11 feet by 10 feet

Entire house = 9 inches by 7 inches, 36 feet by 28 feet



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SCALE: 1 INCH = 4 FEET
1/4 INCH = 1 FOOT

_____ = 4 FEET
_____ = 1 FOOT

HERRY'S HOUSE FLOOR PLAN