

Mr. Chimney is a tiny little man that lives in a tiny little house. This winter, he is making some home improvements. Help him figure out how much material he will need. Because he is so small, Mr. Chimney measures in half-centimeters!

1. If Mr. Chimney decides to hang lights around all the edges of his roof, how long will his light strand need to be?

2. Mr. Chimney is going to put up a new gate around his property in the spring. He wants to order now, while the gates are on sale. How many centimeters of gate should Mr. Chimney order?

3. The cat at Mr. Chimney's house likes to slink around the outside of the house. How many centimeters does the cat walk on two trips around the house?

4. Mr. Chimney plans on having a party and he wants to put in new carpet before his guests arrive. How many square centimeters of carpet will Mr. Chimney need?

5. Draw the perimeter of Mr. Chimney's house. Then, using your imagination, draw a floorplan inside the house. Be sure to include a kitchen, living room, and bedroom. You can include any other details you would like.

6. Pick any one of the rooms you created. List the room, the area, and the perimeter.

Room: \_\_\_\_\_

Area: \_\_\_\_\_

Perimeter: \_\_\_\_\_