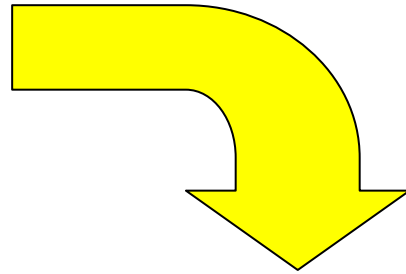
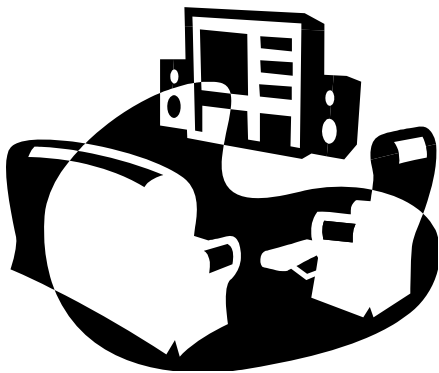


Square Root: Word Problems

Square footage is determined by measuring the length times the width of an area that is square.



This means if we know the total square footage and find the square root, we then know the measurement of each side of the room.

Mr. Right hired a contractor to lay flooring in her square basement. He must lay 400 square feet. What is the length of one wall?

$\sqrt{400} = 20$ A single wall is 20 feet long