

Designing an Aquarium

You have been asked to design an aquarium in the shape of a rectangular prism for the school visitor's lounge. Because of the type of fish being purchased, the pet store recommends that the aquarium should hold 36 cubic feet of water.

Find as many different dimensions for the aquarium as possible. Then decide which aquarium you would recommend for the lounge and explain why you made that choice.

You can use cubes to build models of the aquariums. Each cube represents 1 cubic feet of water