

Name _____

Fish Tanks

Your new tropical fish requires a fish tank that holds 240 cubic feet of water.

1. What are three possible fish tanks that hold exactly 240 cubic feet of water?
2. The less surface area a fish tank has, the better it conserves its heat. Which of your three fish tanks would hold their heat best?
3. Of all the fish tanks you could possibly build that hold 240 cubic feet of water, which has the least surface area? Defend your answer.