

There was a big change. I changed the water from cold to hot. It took fewer pennies to sink the boats in hot water than it did in cold water. In the cold water, the square boat and the line boat tied. It took 80 pennies to sink both of them the circle boat did the worst. It took 55 pennies to sink it. In the hot water the square and line boat tied again. They took 65 pennies to sink them and the circle did the worst again. It took 50 pennies to sink it.

Directions: Fill your tub with about one inch of cold water. Put three different shapes of aluminum foil boats inside. Put the pennies in until it touches the bottom. Drain the water. Fill the tub with hot water. Put the boats inside and fill with pennies, counting each one until they sink. Record the results for both.

My guess was that the square boat was going to take longer to sink, then the circle, then the line in the cold water. I thought the circle boat was going to take longer to sink, then the square, then the line in the hot water. I was kind of right.