

Question: What shape boat can hold the most pennies?

Hypothesis:

The flat boat because its weight can be spread out.

Materials:

Tin foil, cardboard, bucket, pennies, water.

Procedure:




Made the boats, filled bucket, placed the boats in water,
filled with pennies one at a time until boat sinks.

Observations:

All three boats started to leak around the teens.

Conclusion:

My experiment shows that a flat bottom boat can hold the most weight. The flat boat had held the most pennies at 41(all of them). The flat bottom of the boat allows the weight to be spread out. For example a camel's foot is flat so it allows it to stay on top of the sand so he doesn't sink. So, if you are going to do make a small scale boats make the bottom flat.

	 <p>Pointed Bottom</p>	 <p>Flat Bottom</p>	 <p>Curved Bottom</p>
<p>Number of Pennies Held</p>	<p>28 pennies</p>	<p>41 pennies</p>	<p>28 pennies</p>