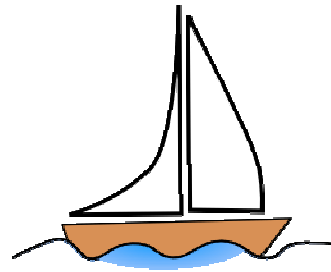




# Create Your Own Boat!

## PROBLEM:

Construct a boat made from aluminum foil which will hold the greatest number of pennies before sinking. You may use any design that you like, but you may only use the one piece of aluminum foil that you are given.



## RULES:

- The boat can only be made from a piece of aluminum foil (30cm by 30cm)
- The pennies are the only thing you can add to your boat
- Slowly add a penny into your boat. As soon as the water starts to enter the boat or it starts to sink, it is over.
- The last penny added does NOT count towards the total number of pennies

## PREDICTION:

My boat will hold \_\_\_\_\_ pennies.

## ANALYSIS:

My boat held \_\_\_\_\_ pennies.

If the weigh of each penny is: 2.5g, my boat can hold \_\_\_\_\_g in total.

If I was going to do this experiment again, I would change . . .