

- 1) **Make your predictions. Which boat do you think will sink with the most coins? Which boat do you think will sink with the least amount of coins?**

Accept any answers for their predictions - there's no right or wrong answer.

I predict that the _____ boat will sink with the _____ coins.

I predict that the _____ boat will sink with the _____ coins.

Word bank:

Wide, round

most

Thin narrow

least

- 2) **Copy this table into your book. Use this table to record the results from your experiment.**

Total number of coins taken for each boat to sink should be in the respective boxes.

Boat	Number of coins taken to sink the boat
Wide, round boat	
Narrow, thin boat	
Your own boat	

- 3) **Rewrite these sentences and fill in the gaps with the findings of your experiment. Challenge: Write more sentences to explain the results of your experiment. Use the word bank to help you.**

Conclusion

The **thin, narrow** boat sunk with the least coins. The **thin, narrow** boat has the **least** buoyancy.

The **wide, round** boat sunk with the most coins. The **wide, round** boat has the **most** buoyancy.

Word bank:

Wide, round

most

Thin narrow

least