

Name: _____ HR: _____ Due Date: _____

FINN'S SANDBOX

Mr. and Mrs. Thompson want to build a sandbox for their son Finn. They bought 5 boards to create a sandbox frame. Each board is 8 feet long. Plastic needs to be purchased for the bottom of the sandbox. They are not too sure how much plastic they need to purchase though. They need to decide the size of the sandbox first.

- What are all of the possible rectangular sandboxes they could make using the wood that was purchased?
- Which one do YOU think they should build and why?
- How much plastic do they Thompsons need to purchase to cover the bottom of the sandbox?

Make sure ALL of the above information is included in your detailed explanation.

