

Name: _____

Date: _____

Day 2- Students will be able to find the volume of two non-overlapping smaller right rectangular prisms and add them together to find the volume of the whole prism.

Key Information:

- You decide to design a pool that includes both a shallow section for standing exercises as well as a larger, deep section for lap swimming.
- You want a design for one pool with two separate sections.
- You sketch your ideal sized pool with approximate dimensions, curious how much total space your patients will have to participate in aquatic physical therapy.

Using the figures below answer the following questions:

1. What is the volume of the shallow section of the pool?
2. What is the volume of the deep section of the pool?
3. What is the combined volume of your pool design?
4. What is the difference in volume between the two pool sections?

You must show all your work.

Therapy Pool Design

