

Name _____

Splashy Swim Club II

The Splashy Swim Club has more work to do!

This time they're working on the baby pool, and they want to get it just right for the Memorial Day opening! The baby pool is perfectly round, with radius of 20 feet and a depth of 2 feet.

1. The club wants to leave 30 feet of deck all the way around the pool. The new electric fence (got to keep those babies in!) will go around the circular deck. How much fencing does the club need to buy?

2. Electric fence is sold in 10 foot sections, and each costs \$179.25. How much is the fence going to cost?

3. The pool cover the club wants to buy is made of Kevlar, so it's expensive. It's going to cost \$18 per square foot. How much will the cover cost?

4. At the beginning of the season, the swim club will need to paint the inside of the pool. They plan to use a special camouflage paint so the pool can't be seen by enemy planes. Each gallon only covers 100 square feet. How many gallons will they need?

5. Before the pool opens, the club plans to have a big fiesta! They plan on filling the baby pool with milkshake, and then everyone will drink with a giant straw! How many cubic feet of milkshake will it take to completely fill the baby pool?
