MATH PROBLEMS FOR KIDS WITH GUTS!

1. Loree bought a giant stick of butter from Kroger. It was 6 feet long, 1 foot wide and 2 feet tall! What was its volume?

Jackson knows that his tent will work on the moon because the directions say so.

2. When Loree got home, she called Jackson to come over and help her cover her giant stick of butter with foil. How much surface area did the foil need to cover?

3. Jackson bought an antique World War I tent from **LOGAN'S TENT CITY**. When it's up, the tent is a perfect triangular prism, with an equilateral triangle at each end. It is 3 feet tall, 4 feet wide, and 7 feet long. Jackson wants to erect his tent on the moon, which means he will have to fill it with oxygen before he sleeps in it. How much oxygen will the tent hold?

4. They're building a statue of Shunta out in the middle of the new playground. The statue will be made of bronze and it will stand on a cube of marble that's 3 feet tall. All faces of the cube will be polished at the workshop before it is delivered to Mary Munford. What will be the total area that is polished?

5. In the tradition of Henry "Box" Brown, a slave who risked his life to mail himself to freedom, Ian is going to mail himself to school. He has built a crate that is a rectangular prism, 2 feet wide, 1 foot deep and 6 feet tall. He and his brother Jayden will be painting the crate bright orange, so that it is easily recognized, just in case it gets lost in the mail. If one ounce of spray paint covers 1 square foot, exactly how many ounces will they need to cover the crate?

6. Val is building a playhouse out of washing machine boxes which are 3 foot cubes. She has 6 boxes that she will join together with duct tape. What will be the total volume of her playhouse?

7. If Val's playhouse is one story tall (it has no second floor), what will be the total area of her roof?