Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The Uintah High swim team competes in a pool with the required dimensions 35 meters by 60 meters by 2 meters. What is the volume of the pool that the Uintah High’s swim team uses?
2. What is the height of a solid with a volume of 72 m³ and a base area of 18 m² ?
3. What is the height of a solid with a volume of 210 in³ and a base area of 30 in² ?
4. Tyson is building a book shelf to store his collection of rare and precious books. It has a height of 7 ft, a width of 3 ft, and a length of 1.5 ft. What is the volume of the bookshelf?
5. Marco’s dad and uncle are helping him build a treehouse in their back yard. It should have a length of 55 inches, width of 72 inches and a depth of 65 inches. What is the volume of the treehouse that they will build?
6. Susan is a contractor for a new house being built in the neighborhood. The dimensions of the basement of the house are length of 86 feet, width of 18 feet, and height of 8 feet. What is the volume of the basement of the new house?