

1. A sample of pure gold weighs 0.26 pounds. What is the volume of this gold sample, in gallons, if the density of the gold is 19.3 grams per milliliter?



2. If you could drive to the sun, which is 9.3×10^7 miles away, how long would your trip be (in days) if your speed were an average of 65 miles per hour?



3. The face of a typical tennis racket is 115 square inches. What is this area in square meters?



4. A sunscreen product contains 2.50% by mass benzyl salicylate. If a tube contains 4.0 ounces of sunscreen, how many pounds of benzyl salicylate would be needed to manufacture 325 tubes of sunscreen? (1 lb = 16 oz)