Ratio and Measurement Units Assignment

Part 1: Convert the following measurements using RATIO.

1. 24 fluid ounces = _____ cups

2. 2640 yards = _____ miles

3. 10,000 pounds = _____ tons

4. 0.03 kilometers = _____ meters

5. 20,000 millimeters = _____ meters

Part 2: Compare the two given units by determining the correct symbol (>, <, =)

1. 3 feet _____ 24 inches

2. 0.005 kilometers _____ 0.5 meters

3. 40 gallons _____ 40 quarts

4. 30,000 milligrams _____ 0.03 kilograms

5. 10 liters _____ 10,000 milliliters

Ratio and Measurement Units Assignment

Part 3: Solve the following problems.

1. Myra baked a 92-inch tall cake. How tall is it in inches?

2. Paul traveled a distance of 8.880 yards. How far did he travel in miles?

3. An average human brain has a mass of 3 pounds. How much does it weigh in ounces?

4. Bus A travelled 20 kilometers and Bus B travelled 200,000 meters. Who traveled the farthest?

5. Phil has a 2.4 meter long piece of wood. If he cuts it in 4 equal parts, what is the length of each piece of wood in millimeters?