Chapter 2 Quiz over scientific notation and significant figures

Write the answers in <u>scientific notation</u> making sure that you use the correct number of significant figures. Make sure to write the correct unit.

1. $(7.3258 \times 10^6 \text{ ounces}) / (3.324 \times 10^{-8} \text{ yard}) =$

2. $(83.002 \text{ cm}) \times (0.001521 \text{ cm}) \times (8.46 \times 10^{23} \text{ cm}) =$

3. $(26.0234 \times 10^7 \text{ Volts}) / (4000. \text{ hour}) =$

1 kx= 1000x	1.637 km = 1 mi	1 mL = 1 cm^3
1 x =100cx	1 pound = 454 g	12 in = 1 ft
1 x =1000 mx	4 cups = 1 quart	2.54 cm = 1 in
1 cx = 10 mx	4 quarts = 1 gal	1 gal = 3.786 L
(x = grams, liter and meter)		

4. 18 cups is equal to how many liters?

5. 2.99×10^8 m/s is equal to how many miles per year?