Problem set - Dimensional analysis - 2

Name:	Date:	
calculator and notes.	ne questions. Show all of your work. You	
There are 12 inches in one foot, 3 feet is 39.37 inches.	in one yard, and 1760 yards in one mile.	One meter
1. How many inches is 23 feet?		
2. How many inches is $4\frac{2}{3}$ yards?		
3. How many feet is 0.25 miles?		
5. How many feet is 0.25 miles:		
4. How many yards is 162 inches?		
5. To the nearest hundredth of a m	neter, how many meters is 16 inches?	
6. To the nearest meter, how far is	6.2 miles?	

There are a 2.205 pour	sixteen ounces in one pound, and two thousand pounds in one ton. A kilogram is ads.
7. How	many pounds is $1\frac{5}{8}$ ton?
8. How	many tons is 6,000 pounds?
9. How	many ounces is half a kilogram?
	eight fluid ounces in a cup, two cups in a pint, two pints in a quart, and four a gallon. One liter is 33.81 fluid ounces.
10. How	many ounces is half a cup?
11. How	many gallons is forty-eight pints?
12. How	many quarts is 128 ounces?
13. To tl	ne nearest tenth of a liter, how many liters is 10 gallons?