Dimensional Analysis

 Use conversion factor method to convert the following measurements to its equivalent in the units given.

1. 14 cm to meters
2. 31 grams to milligrams
3. 116.5 m to kilometers
4. 285.9 cm to kilometers
5. 0.006394 km to centimeters
6. 8.4 x 10 -6 kg to centigrams
7. 1.47 x 10 5 mm to kilometers
8. 4.7 kg to centigrams
9. 138.4 oz. to grams
10. 65.5 km to miles
11. 23.6 ft. to centimeters
12. 2.36 x 10 4 seconds to days
13. 13.6 Liters to quarts
14. 20.6 km/hr. to miles per hour
15. 0.058 m/sec to cm/sec
16. 3.49 km / hr. to meters per second
17. 14.7 g /cm3 to pounds per cubic foot
18. 7.3 x 10 -4 mL /s to cubic feet per day
19. 8.05 x 10 5 g/cm3 to kilograms per liter
20. 3.42 x 10 3  lb./ft2 to grams per square centimeter