Name _____Period_____

Metric Conversions #2

Perform the following conversions. Show all of your work. You must use dimensional analysis (the factor label method).

1) 84 cg = ?mg

2) 464 mm = ?cm

3) 34.47 mL = ?cL

4) 209 mg = ?cg

5) 3.48 dL = ?cL

6) 0.1234 cm = ?μm

7) 28.4 dm = ?m

8) 0.00 448 kg = ?mg

9) 0.888 L = ?mL

10) 201 cg = ?g

11) 341 000 000 ng = ?g

12) 739 000 μm = ?mm

13) 0.000 000 889 km = ?nm

14) 4.4 cm = ?km

15) 204 840 000 μg = ?kg

16) 0.000 34 nm = ?cm

17) 0.004 89s = ?ms

18) 44.0 mL = ?dL

19) 250 000 000 mm^2 = ?km^2

20) 0.000 004 20 kg^2 = ?μg^2