Bio 139 Microbiology Lab #2: Metric conversion exercise.

Fill in the blanks, or the missing exponents or units.

1. 1 cm = m = mm = microns (µ)
2. 5 mm = cm
3. 2 cm = mm
4. 1 mm = µ
5. 50 µ = mm
6. 300 nm = µ = 3 x 10 mm
7. 5 nm = µ = 5 x 10 µ
8. 6 x 10⁻³ m = 60
9. 4 x 10⁻⁶ m = µ
10. 320 µ = mm
11. 1250 nm = µ

For #12-15, use the conversion table in your lab manual:
12. 45 °F = °C
13. 18 °C = °F
14. 70 °C = °F
15. 42 °C = °F
16. What is the boiling point of water?
17. What is the freezing point of water?
18. What is human body temperature?

{Memorize #16-18 in °F and °C}

To prepare 500 mL of 1% glucose you need: g of glucose
To prepare 2 L of 0.5% yeast extract you need: g of yeast extract
To prepare 300 mL of 1.5% agar you need: g of agar