Nursing 132 [4 credits] Tuesdays & Fridays
Fall-early morning Winter-midday Spring-afternoon, night Summer-night
Sample of the hardest questions from Nursing 132. Students work these questions using MEMORIZED conversions without notes.

Conversions:

<table>
<thead>
<tr>
<th>1c =</th>
<th>mL</th>
<th>1t =</th>
<th>mL</th>
<th>1c =</th>
<th>8</th>
<th>1qt =</th>
<th>mL</th>
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\[
m = 15 \text{ gtt} \quad 1\text{cc} = n \quad \frac{2}{3} \text{ l} = \text{ mL} \quad 1^\circ = \text{ ”} \quad 1\text{gal} = \text{ qt}
\]

\[
g = 1 \text{ mg} \quad 1\text{ g} = gr \quad 1 \text{ kg} = \text{ lb} \quad 1\#i = \text{ oz} \quad 1” = \text{ cm}
\]

1. Dixie is 5ft-6in tall. What is her height in cm?
2. John is 95cm tall. What is his height in ft-in?
3. The temperature of the patient is 37 C. Convert to Fahrenheit.
4. The temperature of the patient is 101.2 F. Convert to Celsius.
5. What is the BSA of a 23lb 6oz infant, who is 2'6" tall?

\[
\text{BSA} = \sqrt{\frac{\text{lb} \times \text{in}}{3131}} = \sqrt{\frac{\text{kg} \times \text{cm}}{3600}}
\]

6. Order: MgSO\(_4\) gr\(^{1/4}\) I M stat. On hand 1mL ampules 50mg/mL. Find dose & daily req.

7. Order: MgSO\(_4\) Sol. 10g po ac. On hand 240 mL bottles \(^{c}\) 20% MgSO\(_4\) Solution. Find dose & daily req.

8. Order: Penn G 2,000,000u to infuse in 20 min. IVPB q6h. On hand 500 mL bag, 100mg (10,000u)/1mL. Find mL per dose & daily req.

9. Order: Protropin 0.06mg/kg IM tid x7d. On hand Protropin 10 mg vials \(^{c}\) inst to add 8.5mL to reconstitute to 1mg/ml. Patient weight: 143lbs. Find dose & daily req.

10. Order: Tube feeding: 1 can Isocal dilute to ¾ strength. ______mL Isocal added to ______mL water. Each can contains 240mL. How many milliliters of water should be added to the Isocal for a 75% strength solution. _______ mL total solution

11. Order: Dobutrex PBdrip 5mg/kg/hr from 250mg in 250cc 5\%D/W. Patient weights 60kg. DF of 15 gtt/mL. Find the time & Rate.

Ans: 1c = 240mL \quad 1t = 5 mL \quad 1c = \frac{2}{3} L \quad 1qt \approx 960-1000mL \quad m = 15 = 15 gtt \quad 1cc = m = 15-16 \quad \frac{2}{3} L = 30mL \quad 1^\circ = 60” \quad 1\text{gal} = 4qt

gr = 60mg \quad 1g = gr \quad 1 kg = 2.2 lb \quad 1\#l = 16oz \quad 1” = 2.5 cm

1. 165cm 2. 3'2" 3. 98.6°F 4. 38.4°C 5. 0.47m\(^2\) 6. 0.3mL MgSO\(_4\)(50mg/mL) IM stat; 0.3mL MgSO\(_4\)(50mg/mL) IM stat 7. 50mL MgSO\(_4\)20% po ac; 150mL MgSO\(_4\)20% po 8. 200mL Penn G (100mg/mL) over 20 min IVPB q6h; 800mL Penn G (100mg/mL) over 20 min IVPB q6h 9. 3.9mL Protropin(1mg/mL) IM tid x7d; 11.7mL Protropin (1mg/mL) IM \times 7d 10. 240mL Isocal +80mL H\(_2\)O yields 320mL Solution 11. 75gtt/min Dobutrex PB drip for 50min