

Conversions: 1c = \_\_\_\_\_ mL      1t = \_\_\_\_\_ mL      1c =  $\bar{3}$  \_\_\_\_\_      1qt = \_\_\_\_\_ mL

$\bar{\eta}$  15 = \_\_\_\_\_ gtt      1cc =  $\bar{\eta}$  \_\_\_\_\_       $\bar{3}$  l = \_\_\_\_\_ mL      1° = \_\_\_\_\_ °      1gal = \_\_\_\_\_ qt

gr 1 = \_\_\_\_\_ mg      1g = gr \_\_\_\_\_      1 kg = \_\_\_\_\_ lb      #1 = \_\_\_\_\_ oz      1" = \_\_\_\_\_ cm

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

$$BSA = \sqrt{\frac{Lb \times in}{3131}} = \sqrt{\frac{Kg \times cm}{3600}}$$

6. Order: MgSO<sub>4</sub> gr<sup>1/4</sup> I M stat. On hand 1mL ampules 50mg/mL. Find dose & daily req. \_\_\_\_\_  
 \_\_\_\_\_

7. Order: MgSO<sub>4</sub> Sol. 10g po ac. On hand 240 mL bottles  $\bar{c}$  20% MgSO<sub>4</sub> 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  $\bar{c}$  inst to add 8.5mL to reconstitute to 1mg/ml. Patient weight: 143lbs. Find dose & daily req. \_\_\_\_\_  
 \_\_\_\_\_

10. Order: Tube feeding: 1can Isocal dilute to  $\bar{3}/4$  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. \_\_\_\_\_ RoF  
 Patient weights 60kg. DF of 15 gtt/mL. Find the time & Rate. \_\_\_\_\_ time

Ans: 1c = 240mL   1t = 5 mL      1c =  $\bar{3}$ 8   1qt  $\simeq$  960-1000mL    $\bar{\eta}$  15 = 15gtt   1cc =  $\bar{\eta}$  15-16       $\bar{3}$ 1 = 30mL   1° = 60°   1gal = 4qt  
 gr 1 = 60mg   1g = gr 15      1 kg = 2.2 lb   #1 = 16oz      1" = 2.5cm

1. 165cm 2. 3'2" 3. 98.6 °F 4. 38.4 °C 5. 0.47m<sup>2</sup> 6. 0.3mL MgSO<sub>4</sub>(50mg/mL) IM stat; 0.3mL MgSO<sub>4</sub>(50mg/mL) IM stat 7. 50mL MgSO<sub>4</sub>20% po ac; 150mL MgSO<sub>4</sub>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  $\times$ 7d; 11.7mL Protropin (1mg/mL) IM  $\times$ 7d 10. 240mL Isocal +80mL H<sub>2</sub>O yields 320mL Solution 11. 75gtt/min Dobutrex PB drip for 50min