

**LURLEEN B. WALLACE COLLEGE OF NURSING AND HEALTH SCIENCES**  
**NU404 Childbearing Families**  
**CALCULATION PRACTICE EXAM**

**454 gms = 1lb**

**28 gms = 1 oz**

**$C = (F - 32) \frac{5}{9}$**

**$F = (C \times \frac{9}{5}) + 32$**

**28. A newborn weighs 7 ½ pounds. How many grams does he weigh?**

**2. 98 degrees F = \_\_\_\_\_ degrees C.**

**3. 38 degrees C = \_\_\_\_\_ degrees F.**

**4. Give 1000cc Normal Saline by IV in 10 hours. The drop factor is 15.  
What is the flow rate per minute?**

**5. Your post operative pt. is to receive 250cc's packed red blood cells in  
2 hours. The drop factor is 6. The flow rate per minute will be \_\_\_\_\_.**

**6. You are to administer phenobarbital 90 mg. The tablets you have are labeled**

phenobarbital gr. ss. How many tablet (s) will you administer? \_\_\_\_\_.

7. You are to give atropine sulfate 0.3 mg. You have a bottle labeled “atropine sulfate gr. 1/150 per cc”. How much solution do you need?
  
  
  
  
  
  
  
  
  
  
8. You are to give 100,000 units of penicillin G from a multi dose vial labeled: “penicillin G 1, 000,000 units per 10 cc”. How many cc’s will you need to give?
  
  
  
  
  
  
  
  
  
  
9. You are to administer morphine sulfate gr. 1/6 by injection. You have morphine gr.  $\frac{1}{4}$  per cc. How many ml will you give?
  
  
  
  
  
  
  
  
  
  
10. You are to administer codeine sulfate gr. ss. The tablets you have are labeled “codeine sulfate 30 mg. “. How many tablet (s) will you give?

**NOTES:**

**LURLEEN B. WALLACE COLLEGE OF NURSING AND HEALTH SCIENCES**  
**NU404 Childbearing Families**  
**CALCULATION PRACTICE EXAM ANSWERS**

1. A newborn weighs 7 ½ pounds. How many grams does he weigh?

$$\begin{array}{r} 454 \\ \times 7 \\ \hline \end{array} + \begin{array}{r} 28 \\ \times 8 \\ \hline \end{array} = 3402$$

2. 98 degrees F = 36.6 degrees C.
3. 38 degrees C = 100.4 degrees F.
4. Give 1000cc Normal Saline by IV in 10 hours. The drop factor is 15.  
What is the flow rate per minute? 25 cc/hr
5. Your post operative pt. is to receive 250cc's packed red blood cells in 2 hours. The drop factor is 6. The flow rate per minute will be 12.5 = 13 gtts/min.
29. You are to administer phenobarbital 90 mg. The tablets you have are labeled phenobarbital gr. ss. How many tablet (s) will you administer? 3.
30. You are to give atropine sulfate 0.3 mg. You have a bottle labeled "atropine sulfate gr. 1/150 per cc". How much solution do you need? .75 or ¾ cc
31. You are to give 100,000 units of penicillin G from a multi dose vial labeled: "penicillin G 1, 000,000 units per 10 cc". How many cc's will you need to give? 1cc
32. You are to administer morphine sulfate gr. 1/6 by injection. You have morphine gr. ¼ per cc. How many ml will you give?  
  
.66ml
33. You are to administer codeine sulfate gr. ss. The tablets you have are labeled "codeine sulfate 30 mg. ". How many tablet (s) will you give?  
  
1 tab

