Independent Study Exercises for CHAP Medical Measurements Math Workbook 3/02
Name: _____ Date_____

SUMMARY FOR READING A SYRINGE (pages 107-109) p.1

Instructions: The page number listed is where you can look for the answer in the workbook.

The key to doing syringe dosages is to _____
before or after (circle the correct answer) you try to use the syringe (p. 107.)

You can calculate how much each little mark is on a syringe by following these three steps (p. 107).

1. _____
2. _____
3. _____

What decimals are a "1" number? _____ (p. 107)
What decimals are a "2" number? _____ (p. 107)

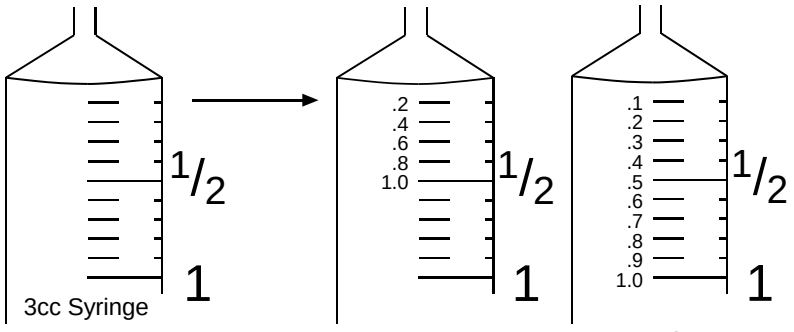
What is the value of the little marks on each syringe? (p. 107)

_____ 3 cc syringe
_____ 5 cc syringe
_____ 50 unit insulin syringe
_____ 1 cc TB syringe
_____ 100 unit insulin syringe
_____ 1 ml epinephrine Tubex

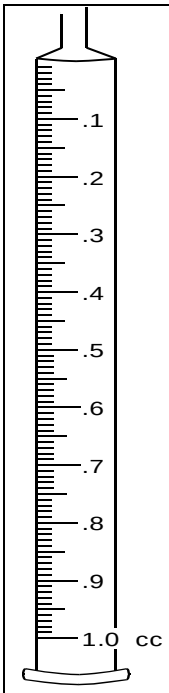
Look at each syringe and determine what fraction or decimal each little mark represents (p. 107.)

3 cc syringe: _____ marks from zero to 1 cc = _____ each.
1 ml epinephrine Tubex: _____ marks from zero to 1 ml = _____ each.
5 cc syringe: _____ marks from zero to 1 cc = _____ each.
1 cc TB syringe: _____ marks from zero to 0.1 cc = _____ each.
100 units insulin syringe: _____ marks from zero to _____ units = _____ each.
50 units insulin syringe: _____ marks from zero to _____ units = _____ each.

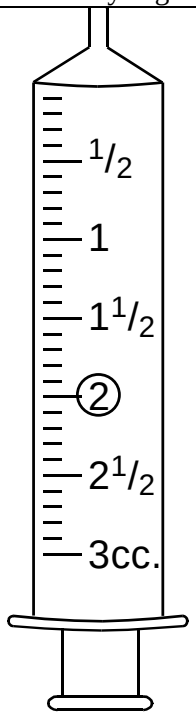
Circle which of the following syringes is the correct way to count the marks on the 3cc syringe.



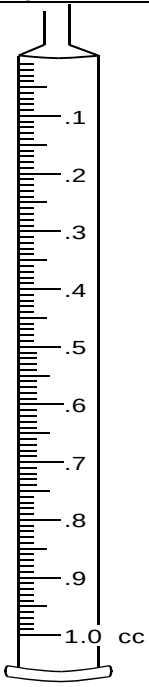
Label each of the <u>smallest</u> marks on the syringes below from 0 to 0.1 cc for the 1 cc syringes, from 0 to 1 cc for the 3 cc syringes, and from 0 to 5 units for the 50 unit insulin syringe. Then draw a line across each syringe where you would put the plunger for the amount listed.



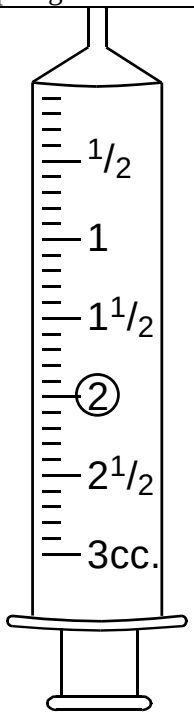
1. **0.7 ml**



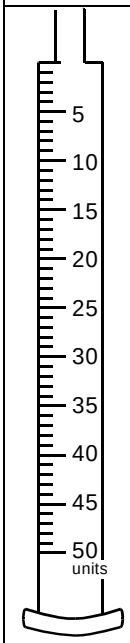
2. **0.7 ml**



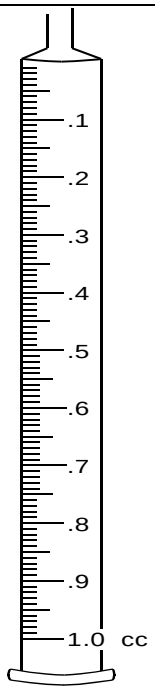
3. **0.35 ml**



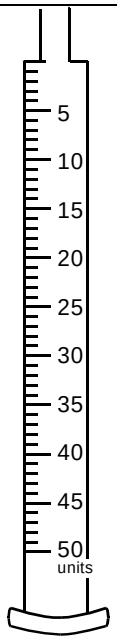
4. **1.8 ml**



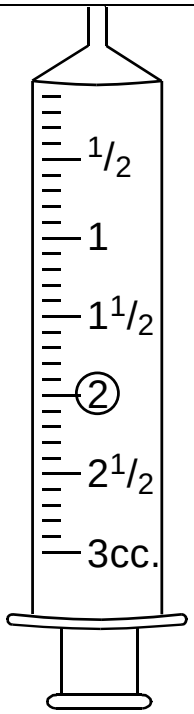
5. **27 units**



6. **0.27 ml**

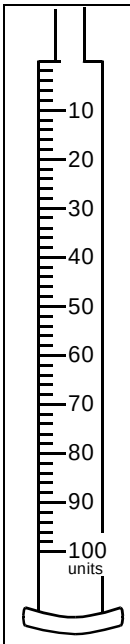


7. **19 units**

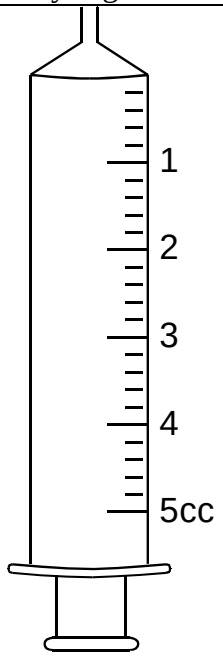


8. **1.9 ml**

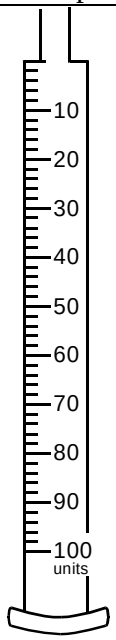
Label each of the small marks on the syringes below from 0 to 1 ml for the 5 cc syringe and 0 to 10 units on the 100 unit insulin syringe.
Then draw a line across each syringe where you would put the plunger for the amount listed.



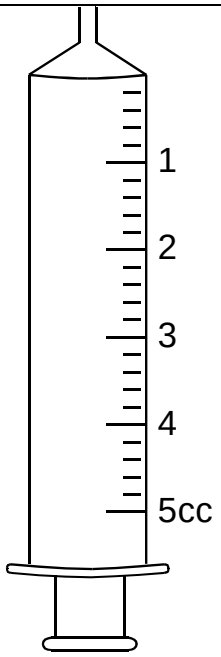
1. **45 units**



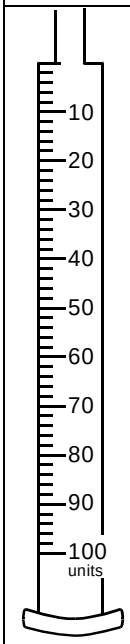
2. **4.5 ml**



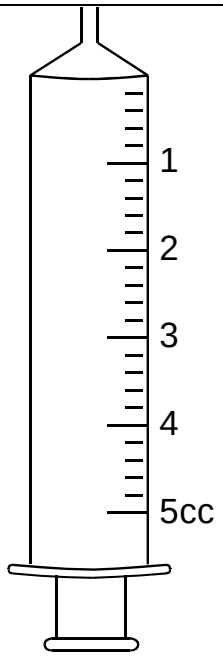
3. **62 units**



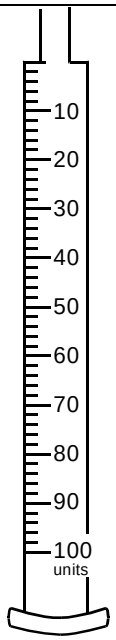
4. **2.2 ml**



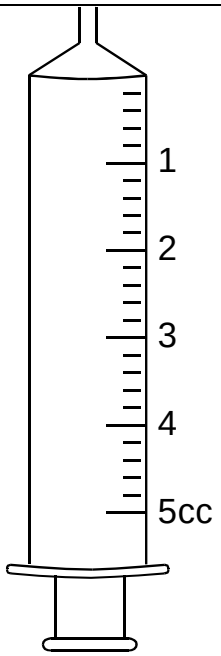
5. **37 units**



6. **3.6 ml**



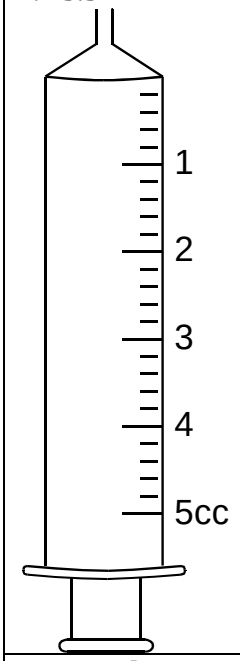
7. **13 units**



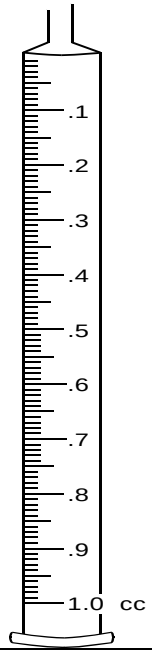
8. **1.3 ml**

Draw a line across each syringe where you would put the plunger for the amount listed. p.4

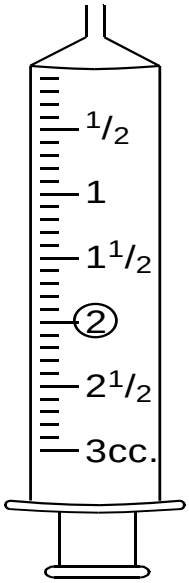
1. **3.3 ml**



2. **0.8 ml**

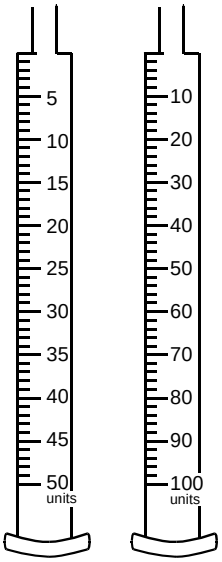


3. **1. 7 ml**

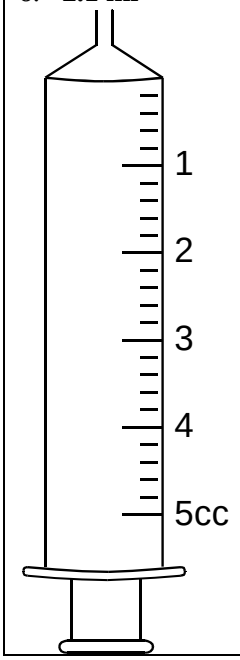


4. **27 Units**

5. **27 Units**

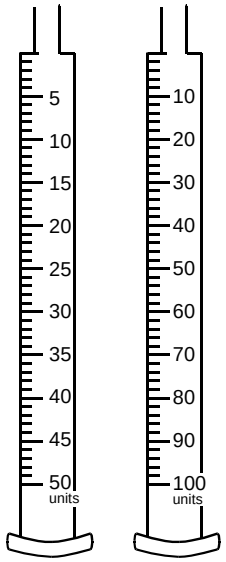


6. **2.1 ml**

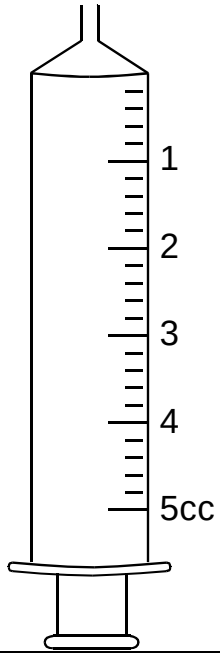


7. **15 Units**

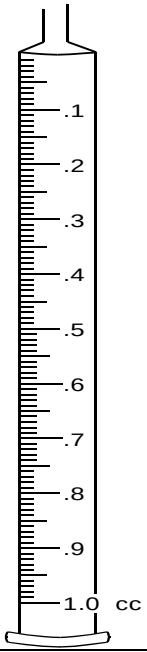
8. **15 Units**



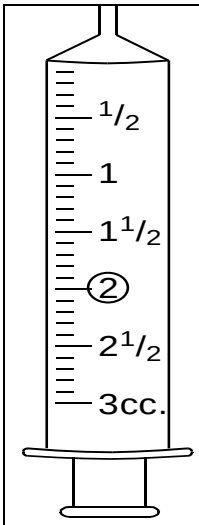
9. **1.3 ml**



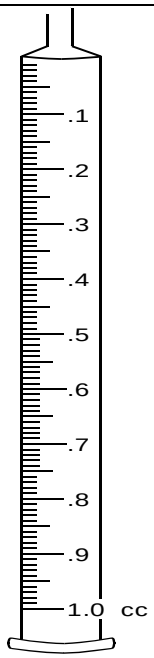
10. **0.1 ml**



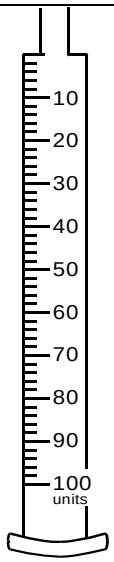
Draw a line across each syringe where you would put the plunger for the amount listed. p.5



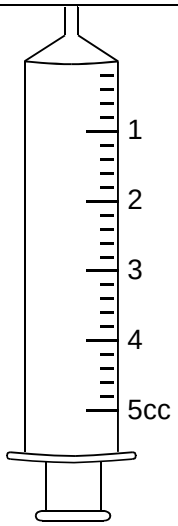
1. **2.3 ml**



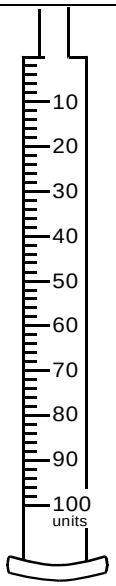
2. **0.85 ml**



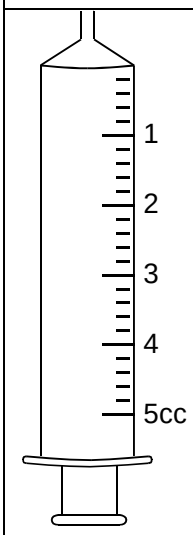
3. **23 Units**



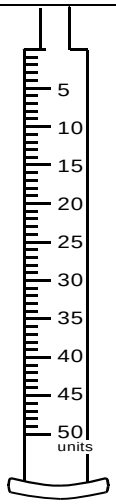
4. **3.5 ml**



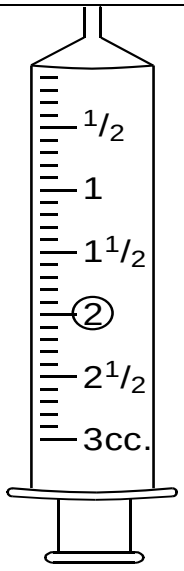
5. **32 Units**



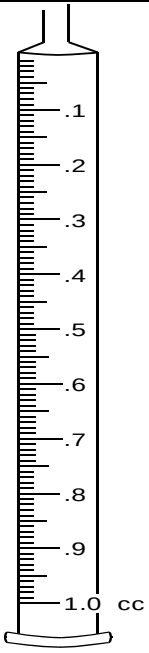
6. **1.7 ml**



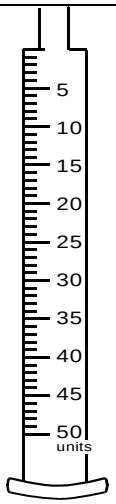
7. **22 Units**



8. **1.9 ml**



9. **0.1 ml**



10. **39 Units**

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