

Key

Independent Study Exercises for CHAP Medical Measurements Math Workbook 3/02

Name: _____

Date 12-02-14

SUMMARY FOR READING A SYRINGE (pages 107-109)

page 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 know how much each little mark is before you try to before or after (circle the correct answer) you try to use the syringe (p. 107.) use the syringe.

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

1. Count the marks from zero to 1 cc.
2. Decide if the marks are a "1" number or a 0.1, 0.01, 10 or a "2" number, 2, 0.2.
3. Count out the little marks by ones or twos and see which choice comes out right.

What decimals are a "1" number? 1.0, 0.1, 0.01, 0.001, 10.0 (p. 107)

What decimals are a "2" number? 2.0, 0.2, 0.02, 0.002, 20.0 (p. 107)

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

<u>0.1 cc</u>	3 cc syringe
<u>0.2 cc</u>	5 cc syringe
<u>1 unit</u>	50 unit insulin syringe
<u>0.01 cc</u>	1 cc TB syringe
<u>2 units</u>	100 unit insulin syringe
<u>0.1 ml</u>	epinephrine Tubex

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

3 cc syringe: 10 marks from zero to 1 cc = 0.1 cc each.

Epinephrine Tubex: 10 marks from zero to 1 ml = 0.1 ml each.

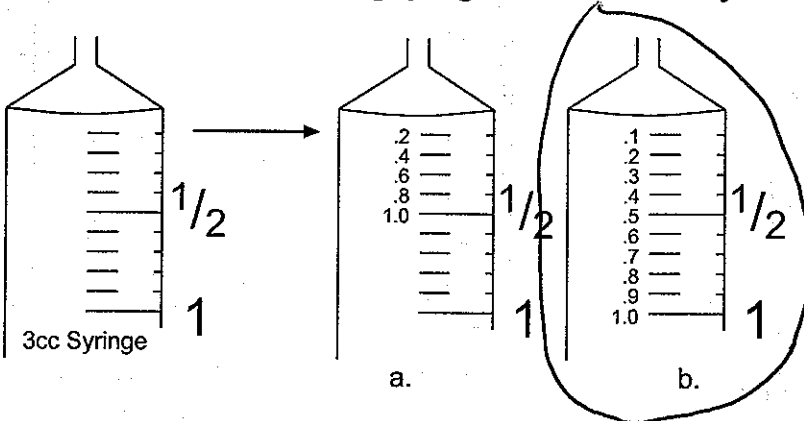
5 cc syringe: 5 marks from zero to 1 cc = 0.2 cc each.

1 cc TB syringe: 10 marks from zero to 0.1 cc = 0.01 cc each.

100 units insulin syringe: 5 marks from zero to 10 units = 2 units each.

50 units insulin syringe: 10 marks from zero to 10 units = 1 unit each.

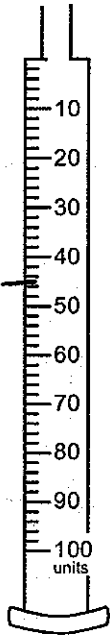
Circle which of the following syringes is the correct way to count the marks on the 3cc syringe.



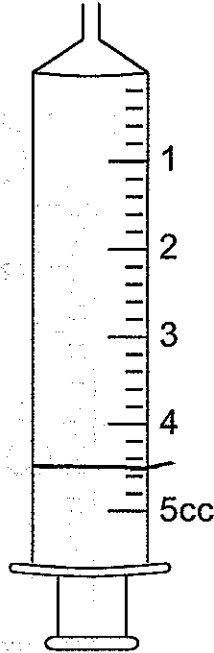
SUMMARY FOR READING A SYRINGE (pages 107-109)

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.

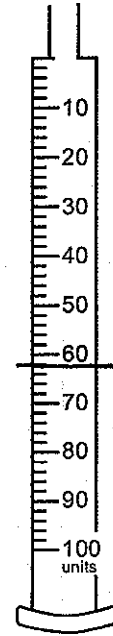
Then draw a line across each syringe where you would put the plunger for the amount listed.



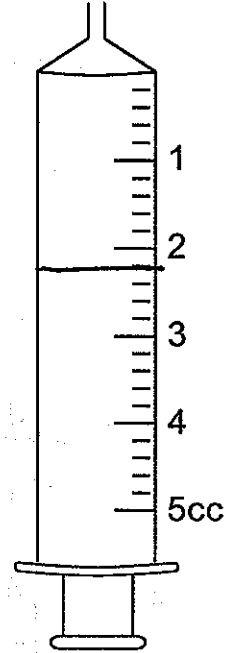
1. 45 units



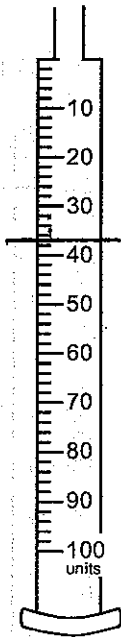
2. 4.5 ml



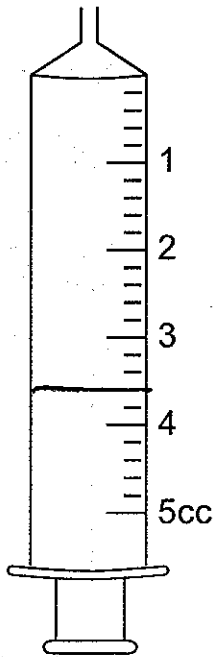
3. 62 units



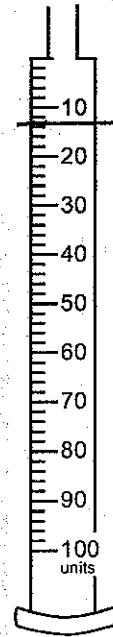
4. 2.2 ml



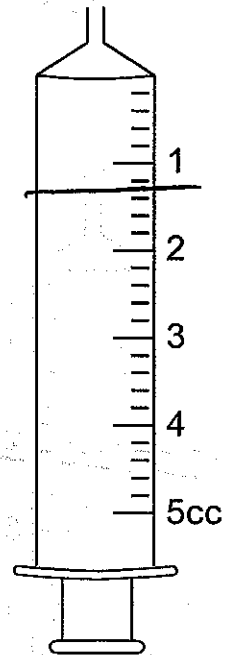
5. 37 units



6. 3.6 ml



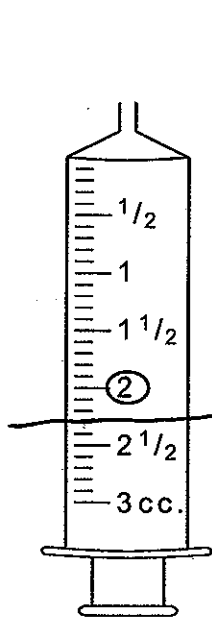
7. 13 units



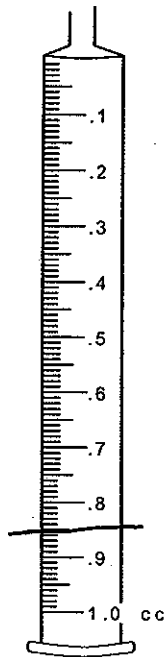
8. 1.3 ml

SUMMARY FOR READING A SYRINGE (pages 107-109)

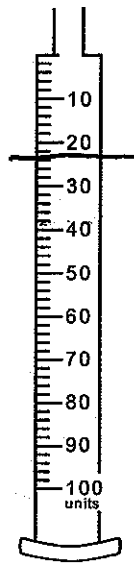
Draw a line across each syringe where you would put the plunger for the amount listed.



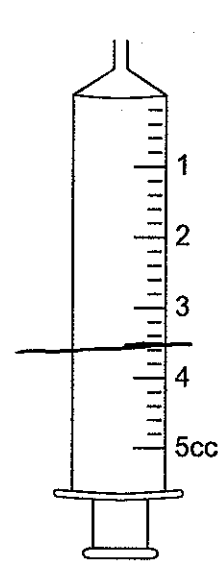
1. 2.3 ml



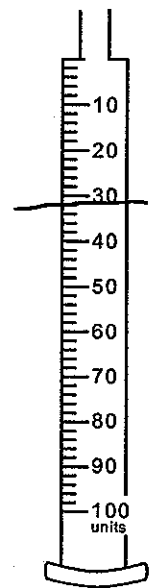
2. 0.85 ml



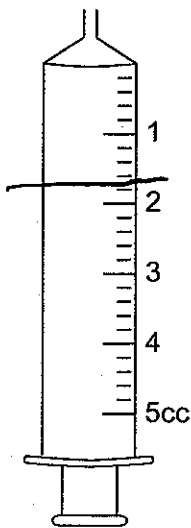
3. 23 Units



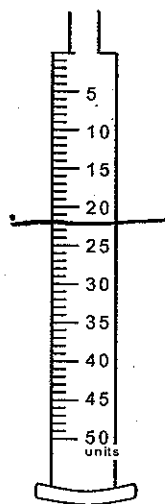
4. 3.5 ml



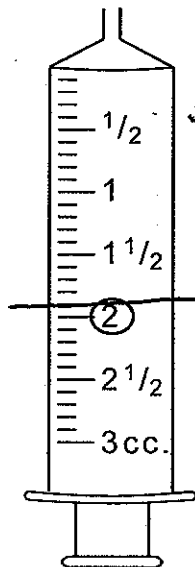
5. 32 Units



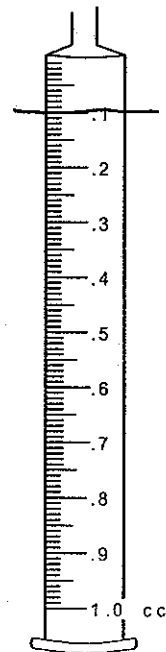
6. 1.7 ml



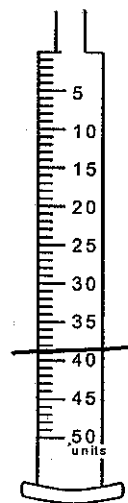
7. 22 Units



8. 1.9 ml



9. 0.1 ml



10. 39 Units