

Part V) Calculations & Word Problems. Show all work for full credit!

22) 5.2 kg = _____ g

(2 pts)

23) 50 mL = _____ qt

(2 pts)

24) $10 \frac{1}{3}$ tbs = _____ mL

(2 pts)

25) A client's intake was the following:

(12 pts)

- 1 $\frac{1}{4}$ cup of coffee (1 cup = 8 oz)
- 4 oz cranberry juice
- 1 $\frac{1}{2}$ bowls of chicken broth (1 bowl = 6 oz)
- 3 $\frac{1}{2}$ glasses of water (1 glass = 6 oz)

The client voided urine as follows: 260 mL, 180 mL, 500 mL, and 425 mL.

Calculate the client's I&O in mL.

I: _____ O: _____

Part IV) Calculations & Word Problems. Show all work for full credit!

19) *Directions:* Calculate the following dosage using the ratio and proportion method. Round mL answers to the nearest tenth unless otherwise indicated.
(6 pts)

Order: Clindamycin 0.6 g IV q12h
Available: Clindamycin 300 mg per 2 mL

20) *Directions:* Calculate the following dosage using the ratio and proportion method. Round mL answers to the nearest tenth unless otherwise indicated.
(7 pts)

Order: Ativan 3.5 mg IM stat
Available:

NDC 60977-112-71

Ativan (lorazepam) **IV**
Injection

2 mg/mL **Rx only**
10 mL Vial

FOR IM USE
FOR IV ROUTE, SEE DIRECTIONS

Baxter
Mfd. by **Baxter Healthcare Corporation**
Deerfield, IL 60015 USA

For IV use, additional dilution is required; see accompanying information.
Usual Dosage: See accompanying information.

PROTECT FROM LIGHT - Do not use if solution is discolored or contains a precipitate.

STORE IN A REFRIGERATOR

0100060977112718
462 - 158 - 00

Lot: _____
Exp: _____

21) *Directions:* Calculate the following dosage using the formula method. Round mL answers to the nearest tenth unless otherwise indicated.
(7 pts)

Order: Amoxil 0.5 g p.o. q6h

Available: Amoxil capsules labeled 250 mg per capsule

22) *Directions:* Calculate the following dosage using the formula method. Round mL answers to the nearest tenth unless otherwise indicated.
(8 pts)

Order: Sandostatin 200 mcg subcut daily

Available:



- 23) *Directions:* Calculate the following dosage using the dimensional analysis method. Round mL answers to the nearest tenth unless otherwise indicated.
(9 pts)

Order: Amoxil 0.5 g p.o. q6h

Available: Amoxil capsules labeled 250 mg per capsule

- 24) *Directions:* Calculate the following dosage using the dimensional analysis method. Round mL answers to the nearest tenth unless otherwise indicated.
(9 pts)

Order: Clindamycin 0.475 g IV q12h

Available:

NDC 63323-282-02 28202

CLINDAMYCIN
INJECTION, USP

300 mg/2 mL

(150 mg/mL)

For IM or IV Use Rx only

DILUTE BEFORE IV USE

2 mL Single Dose Vial

Do not refrigerate.

26) 28.3 kg = _____ lb
(2 pts)

27) 18° C = _____ ° F
(4 pts)

28) You helped deliver a beautiful baby! It weighed 8 lb 2.2 oz. Convert to kg and round to the nearest tenth.
(3 pts)

29) An IV started at 0550 is to be completed in 5 hr 10 min. Determine the completion time (international time).
(3 pts)

30) The current time is: 2:21 PM.

(6 pts)

- In international time that is: _____.
- In 12 hours it will be _____ in traditional time and _____ in international time.

