

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

ATI Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:20:50

Table of contents

- Medication Administration: Overview
- Time
- Activity 1
- Activity 2
- Systems of measurement
- Converting units of measurements
- Activity 3
- Activity 4
- Activity 5
- Activity 6

Calculator

Case studies

ABACAVIR SULFATE Oral Solution
20 mg/mL, Rx only
240 mL

15

Step 1
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.)
 $X \text{ mL} =$

Step 2
Find the ratio in the item that contains the same unit as the unit being calculated. (Place the ratio on the right side of the equation, ensuring that the unit in the numerator matches the unit being calculated.)

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

ATI Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:20:38

Table of contents

- Medication Administration: Overview
- Time
- Activity 1
- Activity 2
- Systems of measurement
- Converting units of measurements
- Activity 3
- Activity 4
- Activity 5
- Activity 6

Calculator

Case studies

A nurse is converting a client's weight from pounds to kilograms. What is the client's weight in kilograms?
(Review the MAR. Round the answer to the nearest tenth.)

49.1

Step 1
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.)
 $X \text{ kg} =$

Step 2
Find the ratio in the item that contains the same unit as the unit being calculated. (Place the ratio on the right side of the equation, ensuring that the unit in the numerator matches the unit being calculated.)
 $X \text{ kg} = \frac{1 \text{ kg}}{2.2 \text{ lb}}$

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

Apps Gmail YouTube Maps Palliative and Hos...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:20:52

Table of contents

Medication Administration: Overview

Time

Activity 1

Activity 2

Systems of measurement

Converting units of measurements

Activity 3

Activity 4

Activity 5

Activity 6

Calculator

Case studies

Each vial contains 10 mg enoximabine.
See package insert for dosage and administration.
The oral solution should be used within 3 months if stored by patient at 25°C (77° F), excursions permitted to 15-30° C (59-86° F).
Keep container tightly closed.

20

Step 1
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.)
 $X \text{ mL} =$

Step 2
Find the ratio in the item that contains the same unit as the unit being calculated. (Place the ratio on the right side of the equation, ensuring that the unit in the numerator matches the unit being calculated.)
 $X \text{ mL} = \frac{1 \text{ mL}}{10 \text{ mg}}$

Calculator icons: Windows, Firefox, Chrome, Word, PowerPoint, PDF, etc.

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

Apps Gmail YouTube Maps Palliative and Hos...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:20:58

Table of contents

Medication Administration: Overview

Time

Activity 1

Activity 2

Systems of measurement

Converting units of measurements

Activity 3

Activity 4

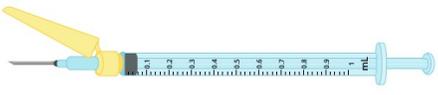
Activity 5

Activity 6

Calculator

Case studies

Single-Use Vial
Each contains 100 mg of enoximabine to provide delivery of 90 mg.
For intravenous use after reconstitution.
Store at 25°C (77° F) before reconstitution. (see package insert.)
Usual dosage: See insert.
Reconstitute with 1 mL Sterile Water
Use immediately.



1

Step 1
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.)
 $X \text{ mL} =$

Calculator icons: Windows, Firefox, Chrome, Word, PowerPoint, PDF, etc.

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

Apps Gmail YouTube Maps Palliative and Hos...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:21:03

Table of contents

Medication Administration: Overview

Time

Activity 1

Activity 2

Systems of measurement

Converting units of measurements

Activity 3

Activity 4

Activity 5

Activity 6

Calculator

Case studies

Enfuvirtide
for injection
90 mg/mL

Single-Use Vial
Each contains 108 mg of enfuvirtide to provide delivery of 90 mg.
For subcutaneous use after reconstitution.
Store at 25°C (77° F) before reconstitution, (see package insert).
Usual dosage. See insert.
Reconstitute with 1 mL Sterile Water
Use immediately.

- A Mix with 0.9% NaCl.
- B Use immediately.
- C Dilute with 2 mL fluid.
- D Final dilution is 90 mg/mL.
- E Store at 25° C (77° F) before mixing.
- F Use for subcutaneous injection.

Taskbar icons: File Explorer, Edge, Chrome, Word, PowerPoint, PDF, etc.

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

Apps Gmail YouTube Maps Palliative and Hos...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:20:43

Table of contents

Medication Administration: Overview

Time

Activity 1

Activity 2

Systems of measurement

Converting units of measurements

Activity 3

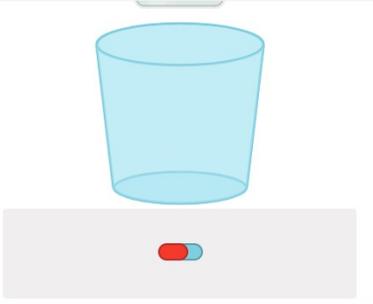
Activity 4

Activity 5

Activity 6

Calculator

Case studies



1

Step 1

Taskbar icons: File Explorer, Edge, Chrome, Word, PowerPoint, PDF, etc.

Chrome File Edit View History Bookmarks People Tab Window Help

https://student.atitesting.com/ x +

student.atitesting.com/StaticContent

ATI Tutorial: Dosage Calculation and Safe Medication Administration 3.0
Module: Medication Administration

Time Spent: 00:20:47

Table of contents

- Medication Administration: Overview
- Time
- Activity 1
- Activity 2
- Systems of measurement
- Converting units of measurements
- Activity 3
- Activity 4
- Activity 5
- Activity 6

Calculator

Case studies

administer?

(Review the MAR and medication label. Round the answer to the nearest tenth.)



BRAND NAME
RITONAVIR
ORAL SOLUTION
80 mg per mL
Shake well before each use
DO NOT refrigerate
Use by product expiration date

1.3

Step 1

Windows taskbar icons: File Explorer, Microsoft Edge, Google Chrome, Microsoft Word, Microsoft PowerPoint, Adobe Acrobat Reader, VLC media player, Spotify, and others.