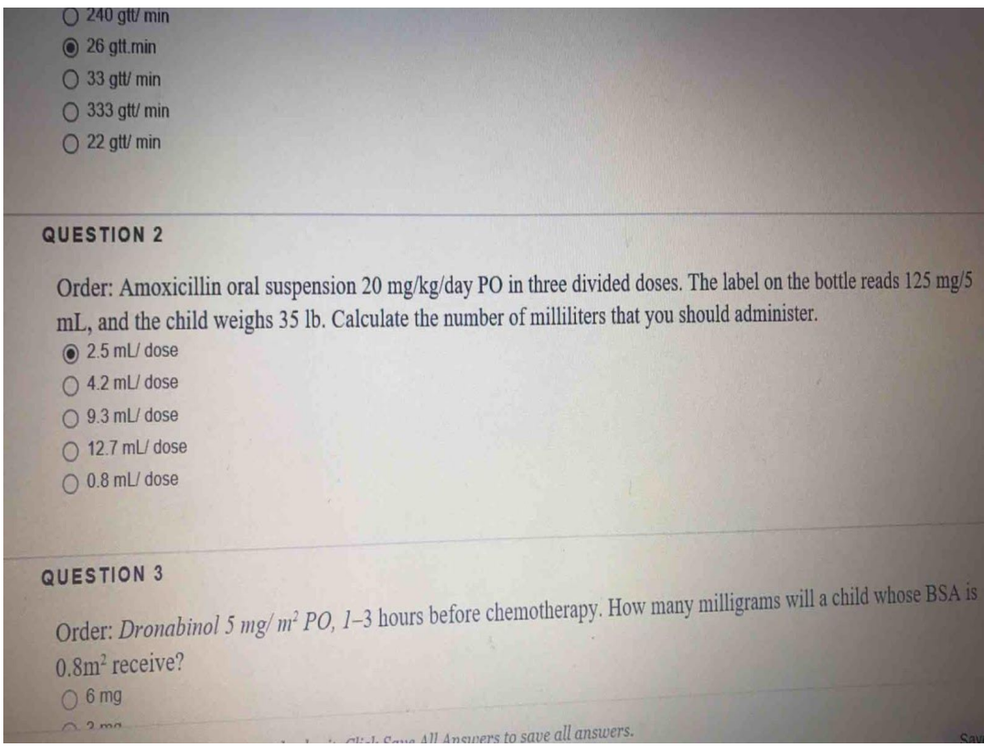
Student: Zack Date: July 18th, 2017


240 gtt/ min
26 gtt.min
33 gtt/ min
333 gtt/ min
22 gtt/ min

QUESTION 2

Order: Amoxicillin oral suspension 20 mg/kg/day PO in three divided doses. The label on the bottle reads 125 mg/5 mL, and the child weighs 35 lb. Calculate the number of milliliters that you should administer.

2.5 mL/ dose
4.2 mL/ dose
9.3 mL/ dose
12.7 mL/ dose
0.8 mL/ dose

QUESTION 3

Order: *Dronabinol 5 mg/ m^2 PO, 1–3* hours before chemotherapy. How many milligrams will a child whose BSA is 0.8m^2 receive?

6 mg

Jul 18th 10:59:52 am

Hi Zack!
Greets student by name
Jul 18th 11:00:59 am

Welcome back to Yup! :)

Jul 18th 11:01:04 am

Hi how are you

Jul 18th 11:01:10 am

I'm good, thanks for asking! How are you doing?
Builds rapport with warm greeting
Jul 18th 11:01:23 am

Great

Jul 18th 11:01:30 am

I've got the lb converted to kg so far on this

Jul 18th 11:01:44 am

Cool! Are you currently taking a graded quiz?

Jul 18th 11:01:46 am

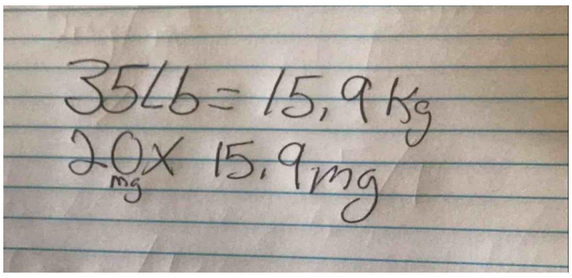
No it's a homework assignment

Jul 18th 11:02:20 am

Okay!

Jul 18th 11:02:28 am

Could you send a snap of your work done so far?
1.1 - Tutor checks for progress
Jul 18th 11:02:35 am



Jul 18th 11:03:05 am

I don't know what to do after this

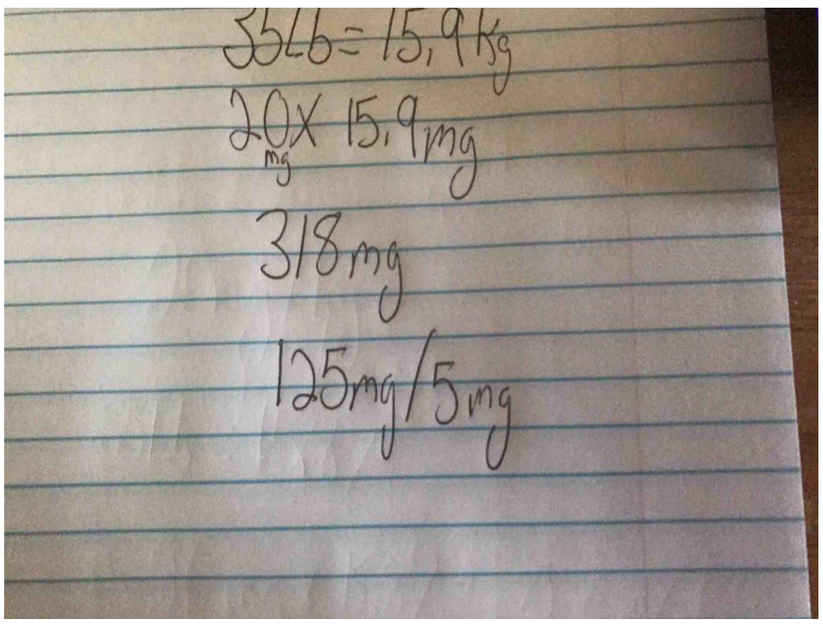
Jul 18th 11:03:19 am

No worries!

Jul 18th 11:03:24 am

Allow me a minute to review this piece!
1.1 - Checks uploaded work to determine gap
Jul 18th 11:03:31 am

Good effort so far!
3.3 - Positive Language
Jul 18th 11:04:13 am



Jul 18th 11:04:37 am

Just one minor correction here.
3.3 - Acknowledges error without causing stress
Jul 18th 11:04:54 am

The values are right, but we would not have 'mg' written 2 times in the step where we multiply.
2.1 - Corrects minor error in work
Jul 18th 11:05:12 am

Ok

Jul 18th 11:05:33 am

Because, we are multiplying 20 mg, 15.9 'times'.
3.1 - Adapts explanation to student's mistake
Jul 18th 11:05:37 am

Oh ok

Jul 18th 11:05:53 am

And we are not multiplying it with '15.9 mg'

Jul 18th 11:06:02 am

I got it

Jul 18th 11:06:02 am

Sweet!

Jul 18th 11:06:06 am

What do you think we should do next?
1.2 - Invites student input
Jul 18th 11:06:35 am

No idea

Jul 18th 11:06:44 am

Let's take another look at the question.

Jul 18th 11:07:06 am

What value have we found so far?
1.2 - Guiding question
Jul 18th 11:07:38 am

15.9kg

Jul 18th 11:07:59 am

Yes, for 15.9 kg baby, we have found the total mg to be administered. Correct?
3.1 - Builds on what student already knows
Jul 18th 11:08:24 am

Yes

Jul 18th 11:08:59 am

Now, how many doses are there per day?
1.2 - Guiding question
Jul 18th 11:09:12 am

3

Jul 18th 11:09:59 am

Right!

Jul 18th 11:10:02 am

So what would the mg per dose be?
1.2 - Guiding Question
Jul 18th 11:10:09 am

6.6

Jul 18th 11:10:18 am

Could you elaborate on how you got that?
3.1 - Invites student to share work to confirm understanding
Jul 18th 11:10:30 am

20mg divide by 3

Jul 18th 11:10:44 am

Very close!
3.3 - Acknowledge error without causing stress
Jul 18th 11:10:53 am

20 mg is per kg.
3.1 - Anchors explanation to student's understanding
Jul 18th 11:10:58 am

We saw that the baby is 15.9 kg.

Jul 18th 11:11:04 am

So15.9/3

Jul 18th 11:11:17 am

So we multiplied both these quantities earlier to get the total dosage, right?

Jul 18th 11:11:21 am

5.3

Jul 18th 11:11:23 am

Not quite, but a good try!
3.3 - Positive language
Jul 18th 11:11:32 am

Yes we did

Jul 18th 11:11:47 am

If we recall, we multiplied 20 with 15.9 in an earlier step.

Jul 18th 11:11:52 am

What did that give us?

Jul 18th 11:11:56 am

318

Jul 18th 11:12:10 am

Right!

Jul 18th 11:12:14 am

And this is the total dosage per day.

Jul 18th 11:12:22 am

Does that make sense so far?
3.1 - Checks for understanding
Jul 18th 11:12:26 am

/3 106

Jul 18th 11:12:27 am

Yay! You got it!
3.3 - Encouraging language
Jul 18th 11:12:33 am

And what might the units be?
1.2 - Invite student input
Jul 18th 11:12:51 am

I'm not sure

Jul 18th 11:13:45 am

Let's take a look at our earlier image.

Jul 18th 11:14:10 am

Mg

Jul 18th 11:14:22 am

Yes!

Jul 18th 11:14:25 am

So now, we know that for every dose, we administer 106 mg.
3.1 - Sums up step to facilitate understanding
Jul 18th 11:14:41 am

Clear so far?
3.1 - Check with student to ensure understanding
Jul 18th 11:14:44 am

Yes

Jul 18th 11:14:48 am

Great!

Jul 18th 11:14:51 am

What other info are we provided?
1.2 - Invite student input
Jul 18th 11:15:02 am

125mg/5ml

Jul 18th 11:15:28 am

Indeed!

Jul 18th 11:15:34 am

Let's use that now!

Jul 18th 11:15:37 am

We are told that 125 mg is present in 5 ml.

Jul 18th 11:15:50 am

So how might we get the value in ml for 106 mg?
1.2 - Guiding question
Jul 18th 11:16:02 am

Any thoughts?

Jul 18th 11:16:04 am

No idea

Jul 18th 11:16:33 am

No worries!

Jul 18th 11:16:40 am

Are you familiar with direct and indirect relations?
1.2 - Invite student ot share existing knowledge
Jul 18th 11:16:51 am

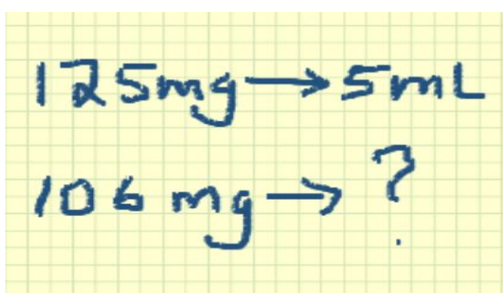
No

Jul 18th 11:16:57 am

Okay, let me elaborate!
3.1 - Adapts explanation to student gap
Jul 18th 11:17:06 am

We are dealing with 2 quantities here -

Jul 18th 11:17:26 am



2.2 - Effective whiteboard use to share information
Jul 18th 11:17:26 am

'mg' and 'ml'.

Jul 18th 11:17:32 am

4.24 cross multiply

Jul 18th 11:17:54 am

Yes, you got it! :)

Jul 18th 11:18:06 am

So 4.2 is answer

Jul 18th 11:18:20 am

That is correct!
3.3 - Supportive language
Jul 18th 11:18:25 am

Any doubts on how we arrived at that?
3.1 - Check with student to ensure understanding
Jul 18th 11:18:31 am

Nope there is couple more questions I was gonna get you to help me through it you don't mind

Jul 18th 11:19:06 am

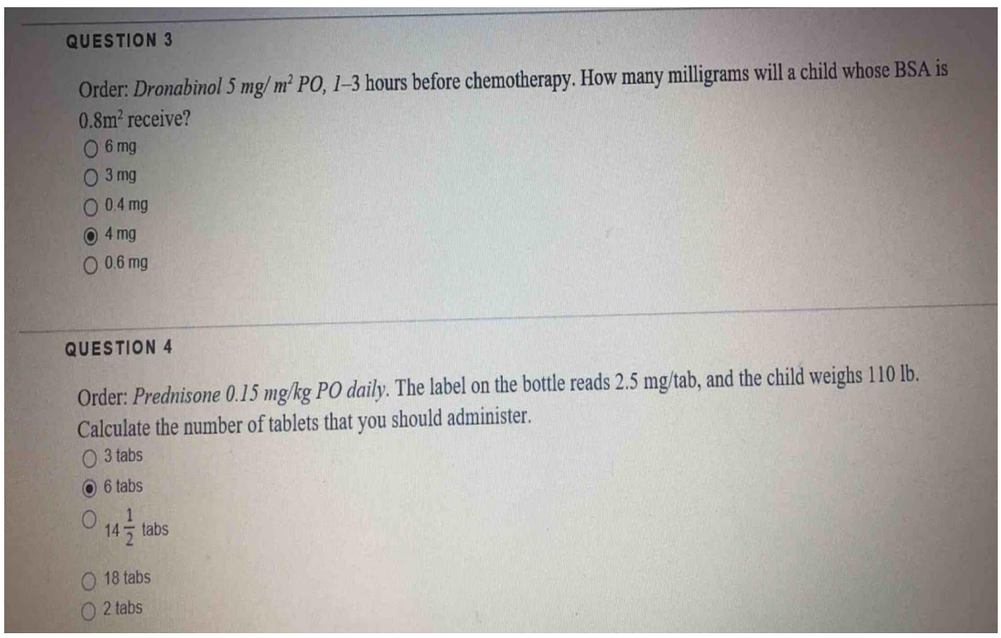
No worries!

Jul 18th 11:19:15 am

If

Jul 18th 11:19:17 am

Please send them across!
Tutor is eager to help student with another problem
Jul 18th 11:19:19 am



Jul 18th 11:19:35 am

Please allow me a moment!
1.1 - Ensure you understand the problem
Jul 18th 11:19:48 am

Which question are we looking at here?

Jul 18th 11:20:15 am

3 or 4?

Jul 18th 11:20:37 am

3

Jul 18th 11:20:49 am

Let's get started!

Jul 18th 11:20:59 am

Any thoughts on what we might do first?
1.1 - Probing question to determine starting point
Jul 18th 11:21:07 am

Would just cross multiply again

Jul 18th 11:22:02 am

You've got it right!
3.3 - Supportive language
Jul 18th 11:22:07 am

What might that lead us to?
1.2 - Invite student input
Jul 18th 11:22:13 am

4

Jul 18th 11:22:25 am

Perfect!

Jul 18th 11:22:29 am

That's excellent work! :)
3.3 - Encouraging language
Jul 18th 11:22:36 am

How about number 4

Jul 18th 11:22:49 am

Let's proceed with 4!

Jul 18th 11:22:56 am

What are your thoughts on that?
1.1 - Determine starting point
Jul 18th 11:23:09 am

None yet

Jul 18th 11:23:19 am

Okay, not an issue!
3.3 - Reassuring language
Jul 18th 11:23:28 am

Convert lb to kg again

Jul 18th 11:23:31 am

Great start!

Jul 18th 11:23:37 am

And that would lead us to...?
1.2 - Guiding question
Jul 18th 11:23:42 am

49.9

Jul 18th 11:24:08 am

Correct!

Jul 18th 11:24:15 am

What might we do next?
1.2 - Invite input
Jul 18th 11:24:20 am

Times by .15

Jul 18th 11:24:59 am

Right again!

Jul 18th 11:25:07 am

And we would get...?
1.2 - Invite student to take the next step
Jul 18th 11:25:13 am

7.5

Jul 18th 11:25:14 am

Yes! And the units here would be..?
1.2 - Invite input
Jul 18th 11:25:26 am

Mg then divide by 2.5

Jul 18th 11:25:45 am

Bingo!
3.3 - Encouraging language
Jul 18th 11:25:51 am

You're a fast learner!

Jul 18th 11:25:59 am

Number of tables would finally be...?
1.2 - Invite student to take next step
Jul 18th 11:26:14 am

3

Jul 18th 11:26:21 am

Woohoo! You are right :)
3.3 - Positive Language
Jul 18th 11:26:27 am

Any doubts in what we did so far?
3.1 - Check for understanding
Jul 18th 11:26:43 am

Nope thanks I've got the hang out it now thanks to you

Jul 18th 11:27:21 am

Great to hear!

Jul 18th 11:27:27 am

Do you have any more problems that you need to discuss through?
Tutor checks to make sure student doesn't need more help
Jul 18th 11:27:38 am

If that is all, then have a great rest of your day, and thanks for using Yup! :)
Warm send off
Jul 18th 11:29:33 am

I'm going to go ahead and end this session now, since my shift just ended, but in case you have more problems to work through, do feel free to submit a new request! Another tutor would be more than happy to assist you!

Jul 18th 11:30:52 am
Note: Here the tutor needed to wait for the student to respond or for the session to time out before ending the session