

Where's the error?

The doctor has written an order for 375 mg of cephalexin to be given to a patient every 8 hours. Hasty Henry used the formula method to calculate the amount to administer in teaspoons. Here is Henry's work.



$$D = 375$$

$$Q = 5$$

$$H = 250$$

$$\frac{375}{250} \times 5 = A$$

$$7.5 = A$$

Henry is going to administer 7.5 teaspoons of medication to the patient. This seems a little excessive, so he double checks his math and finds no errors. He comes to you for help. What is the correct dose? Where is the error?

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CEPHALEXIN

For Oral Suspension, USP
250 mg per 5 mL
when reconstituted according to directions.

Usual Children's Dose: 25 to 50 mg per kg a day in four divided doses. For more severe infections, dose may be doubled. See literature.

Rx only

WARNING: NOT FOR INJECTION

100 mL (when mixed)

TEVA

IMPORTANT
STORE RECONSTITUTED SUSPENSION IN REFRIGERATOR. DISCARD AFTER 14 DAYS.

Date of reconstitution:

Shake well before using. Keep tightly closed.
KEEP THIS AND ALL MEDICATIONS OUT OF THE REACH OF CHILDREN.
L52866
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TEVA PHARMACEUTICALS USA
Sellenville, PA 18960

Store dry powder at controlled room temperature, between 20° and 25°C (68° and 77°F) (see USP).

TO THE PHARMACIST: Prepare suspension at time of dispensing. Add to the bottle a total of 71 mL of water. For ease in preparation, tap bottle to loosen powder, add the water in 2 portions, shaking well after each addition. The resulting suspension will contain cephalexin monohydrate equivalent to 250 mg cephalexin in each 5 mL (teaspoonful).

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