

ANSWERS

1

$$\frac{D}{H} \times Q \quad \frac{4 \cancel{\text{mg}}}{4 \cancel{\text{mg}}} \times 1 \text{ mL} = 1 \text{ mL per day in 6 doses}$$

$$1 \text{ mL} / 6 \text{ doses} = 0.166 \text{ mL per dose} = \mathbf{0.17 \text{ mL per dose}}$$

2

$$\frac{D}{H} \times Q \quad \frac{24 \cancel{\text{mg}}}{4 \cancel{\text{mg}}} \times 5 \text{ mL} = 30 \text{ mL per day}$$

The medication is prescribed every 8 hours, or 3 x per day

$$30 \text{ mL} / 3 \text{ doses} = \mathbf{10 \text{ mL per dose}}$$

3

$$\frac{D}{H} \times Q \quad \frac{60 \cancel{\text{mg}}}{15 \cancel{\text{mg}}} \times 1 \text{ capsule} = 4 \text{ capsules per day}$$

The medication is prescribed BID, or 2 x per day

$$4 \text{ capsules} / 2 \text{ doses} = \mathbf{2 \text{ capsules per dose}}$$



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4

Convert lbs to kg = 125 lbs / 2.2 kg = 56.82 kg
~~56.82 kg~~ x ~~7 kg~~/mg/day = 397.73 mg/day

$$\frac{D}{H} \times Q \quad \frac{397.73 \text{ mg}}{125 \text{ mg}} \times 5 \text{ mL} = 15.909 \text{ mL}$$

The medication is prescribed TID, or
 3 x per day
 15.909 mL / 3 doses
 = **5.3 mL per dose**

5

$$\frac{D}{H} \times Q \quad \frac{1300 \text{ mg}}{250 \text{ mg}} \times 5 \text{ mL} = 26 \text{ mL per day}$$

The medication is prescribed daily in 3 divided doses
 26 mL / 3 doses = **8.67 mL per dose**

6

$$\frac{D}{H} \times Q \quad \frac{45 \text{ mg}}{15 \text{ mg}} \times 1 \text{ capsule} = 3 \text{ capsules per day}$$

The medication is prescribed TID, or 3 x per day
 3 capsules / 3 doses = **1 capsule per dose**

