

K H D ^{g, mg} D C m m
3

DC #4

1. $D = 250 \text{ mg}$
 $H = 1 \text{ g} = 1000 \text{ mg}$
 $V = 10 \text{ mL}$
 $Q = \boxed{2.5 \text{ mL}}$

2. $D = 160 \text{ mg}$
 $H = 100 \text{ mg}$
 $V = 2 \text{ mL}$
 $Q = \boxed{3.2 \text{ mL}}$

3. $D = 1.5 \text{ g} \times 2$
 $H = 500 \text{ mg} = 0.5 \text{ g}$
 $V = \text{tablet}$
 $Q = \boxed{3 \text{ tab / dose} \quad 6 \text{ tab / day}}$

4. $D = 200 \text{ mcg}$
 $H = 0.2 \text{ mg} = 200 \text{ mcg}$
 $V = \text{tablets}$
 $Q = \boxed{1 \text{ tablet / dose}}$

K # D ^{g, L, m} D C m ^m₃

2.2 lbs = 1 kg

5. Total 12 hours

50 ml x 11 hrs = 550 ml

125 ml / 30 min

+ 25 ml / 30 min

100 ml

6. D = 28.65

H = 75 mg

V = 1 mL

Q = 0.38 mL

$\frac{42 \text{ lbs}}{x \text{ kg}} \frac{2.2 \text{ lbs}}{1 \text{ kg}} = 19.1 \text{ kg}$

1.5 x 19.1 = 28.65

7. 17,221 mcg = 17.221 mg / hr

$\frac{17.221 \text{ mg}}{x \text{ mL}}$

$\frac{17.1 \text{ mg}}{223 \text{ mL}}$

225 mL / hour

= 224.57 mL

8. TV: 0.2 L = 200 mL > 11800

DF: 59 gtt/s

/min: 462 min

= 25.5 gtt/s/min = 26 gtt/s/min

9. D = 24g

H = 22,000,000 mcg = 22g

V = 12 mL

Q = 13.1 mL

$$K \cdot H \cdot D \quad \begin{matrix} g, L, m \\ DC m, m \\ 3 \end{matrix}$$

10. TV: 392 mL > 29008

DF: 74 gtt/s

/Min: 582 min = 49.8

49 gtt/s/min

11. 11 hours

10 hrs. x 100 mL = 1000

+ 75

+ 75

1150 mL

12. D = 7g

H = 0.016 Kg = 16g

V = 20 mL

Q = 8.75 mL

13. D = 24 000 000 mcg = 24g

H = 0.016 Kg = 16g

V = tablet

Q = 1.5 tablets

14. 3 mcg x 82 Kg = 246 mcg/hr

23.8 mg

0.246

0.246 mg/hr

129 mL

X = 1.33 mL

15. D = 0.06g = 60mg

H = 30 mg

V = tab

Q = 2 tab