

Kaleb 8/22/24
Kelly

Self-Test 2

1. $20/2.2 = 9.09 \text{ kg} \times 20 = 181.8 \text{ mg/day}$ $60 \text{ mg} \times 3 = 180 \text{ mg/day}$
 $\times 40 = 363.6 \text{ mg/day}$ safe

$$60 \text{ mg} \times \frac{5 \text{ ml}}{125 \text{ mg}} = 2.4 \text{ ml}$$

2. $29/2.2 = 13.18 \text{ kg} \times 40 = 527.2 \text{ mg/day}$ safe
 $175 \text{ mg} \times 3 = 525 \text{ mg/day}$

~~175~~ $175 \text{ mg} \times \frac{5 \text{ ml}}{125 \text{ mg}} = 7 \text{ ml}$

3. $30 \text{ kg} \quad 600 \text{ mg/day}$ safe

$$200 \text{ mg} \times \frac{5 \text{ ml}}{125 \text{ mg}} = 8 \text{ ml}$$

4. 20.5 kg safe 80 mg 4 to 5 per day 320 mg

5. 1 mg safe $1 \text{ mg} \times \frac{1 \text{ ml}}{5 \text{ mg}} = 0.2 \text{ ml}$

6. $14 \text{ kg} \times 0.05 = 0.7 \text{ mg}$ safe $2 \text{ mg} \times \frac{1 \text{ ml}}{2 \text{ ml}} = 1 \text{ ml}$
 $\times 0.2 = 2.8 \text{ mg}$

7. $30 \text{ kg} \times 0.1 = 3 \text{ mg}$ safe $5 \text{ mg} \times \frac{5 \text{ ml}}{5 \text{ mg}} = 5 \text{ ml}$
 $\times 0.2 \text{ mg} = 6 \text{ mg}$