PEDS DOSAGE CALCULATION

1. $\dfrac{350 \text{ mg}}{25 \text{ mL}} = \dfrac{14 \text{ mg}}{1 \text{ mL}}$ yes

   recommended: 10 mg - 40 mg / 1mL

2. $\dfrac{18 \text{ mg}}{10 \text{ mL}} = 1.8 \text{ mg}$

3. 200 mg - 300 mg / 30 k / 24 hrs - q 4-6   B

   6,000 mg - 9,000 mg / 24 hrs

4. 50 mg - 75 mg / 20 kg   yes

   1 1000 mg - 1500 mg

5. 50 mg - 75 mg / 20 kg   yes

   1000 mg - 1500 mg

   700 × 2 = 1400)

6. 40 mg / 30 kg = 1200 mg   B

7. $\dfrac{25 \text{ mL}}{30 \text{ min}} \times 60 = 50 \text{ gtts / min}$

8. 80 mg - 90 mg / 6.5 kg

   520 mg - 585 mg

   5.5 mL every 12 hrs

   $\dfrac{275}{250} \times 5 = 5.5$

   250 / 5 mL

   275 mg / 5.5 mL

9. 25 - 27.5 mg / 15 kg   C

   375 mg - 412.5 mg / 12 hrs

10. 40 mg / 16 kg = 640 mg

    $\dfrac{640 \text{ mg}}{25 \text{ mL}} = 25.6 \text{ mL}$

    $\dfrac{25}{16} \times 60$ A

    50 mL/hr - 100 mL/hr

11. $\dfrac{50}{20} \times 60 = \quad \dfrac{50}{30} \times 60 =$ C

    100 mL/hr - 150 mL/hr