Answers to Extra Med Math Problems

1. The recommended range is 260mg to 293 mg every 12 hours

   The nurse will administer 5.5 ml of amoxicillin every 12 hours.

2. C.- contact the primary care provider regarding a dose exceeding the recommended range

3. A. - administer the medication at 50 ml/hr

4. A. - administer 6ml of the medication

5. Calculate the therapeutic range:

   18kg x 2 = 36mg/24 hours (36 mg/4 doses = 9 mg every 6 hours)

   18kg x 4 = 36mg/24 hours (72 mg/4 doses = 18 mg every 6 hours)

   Is the concentration of the medication acceptable? yes = 1.8mg/ml

   Is the rate of administration correct? yes