Answers to Additional 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