Nursing Math
Dosage Calculation
Using the Formula Method

Directions: Use the formula method to solve the following dosage calculations.

1. The dosage available is 1mg per mL. A dosage of 760 mcg has been ordered.

2. A strength of 0.2g in 2 mL is available. Prepare a 250 mg dosage.

3. A 6000 U dosage has been ordered. The strength available is 7500 U per 1.2 mL.

4. The strength available is 20 mEq in 10 mL. Prepare a 25 mEq dosage.

5. A 250 mcg dosage has been ordered. The solution available is labeled 0.4 mg per mL.

6. The solution available is labeled 5 mg per 1.5 mL. Prepare a dosage of 8 mg.

7. Prepare 60 mg from a strength of 80 mg in 1.4 mL.

8. The dosage strength is 240 mcg in 5 mL. Prepare a 0.2 mg dosage.

9. The strength available is 200 mg per mL. Prepare a 0.35 g dosage.

10. A dosage of 0.1 mcg has been ordered. The strength available is 0.3 mcg in 1.5 mL.