24.15: Chapter 15 (Administration of Enteral Medications)

Answer Key to Chapter 15 Learning Activities

1. Dimensional Analysis:
   \[
   \left( \frac{750\text{ mg}}{x\text{ mL}} \times \frac{1\text{ g}}{1000\text{ mg}} \times \frac{8\text{ mL}}{2\text{ g}} \right) = \frac{6000}{2000} = 3\text{ mL}
   \]
   Ratio Proportion:
   \[
   \frac{750\text{ mg}}{X\text{ mL}} = \frac{2000\text{ mg}}{8\text{ mL}}
   \]
   \[
   750\text{ mg} \times 8\text{ mL} = 2000\text{ mg} \times X\text{ mL}
   \]
   \[
   \frac{6000\text{ mg mL}}{2000\text{ mg}} = X\text{ mL}
   \]
   \[
   3\text{ mL} = X\text{ mL}
   \]

2. If an incorrect medication is given, the nurse should promptly take the following actions:
   - Assess the patient given the wrong medication. Assess for adverse effects related to the error.
   - Notify the nurse manager/primary care provider regarding the medication error.
   - Discuss the course of action to be taken.
   - Implement action and continue to monitor the patient for signs of complication or change in condition.
   - Report the incident via institution policy.

Answers to interactive elements are given within the interactive element.