1. Prepare a 500mL of ¼ strength acetic acid solution. How much acetic acid will you need?

2. Mix a 2/3 solution (240 mL) of infant Similac. How much water will be added to the solution?

3. You must prepare 1/3 strength Ensure to last your entire shift which is twelve hours. If the infusion is running at 50 mL per hour, how much Ensure will be needed to make the feeding?

4. You are preparing to do a burn dressing with 1/8 strength Dakin’s (bleach) solution. How much bleach (mLs) will be needed if you mix up 1 liter of the solution?

Answers: 1) 125mL; 2) 80 mL; 3) 200mL; 4) 125 mL