Name: _____ **Date:** _____
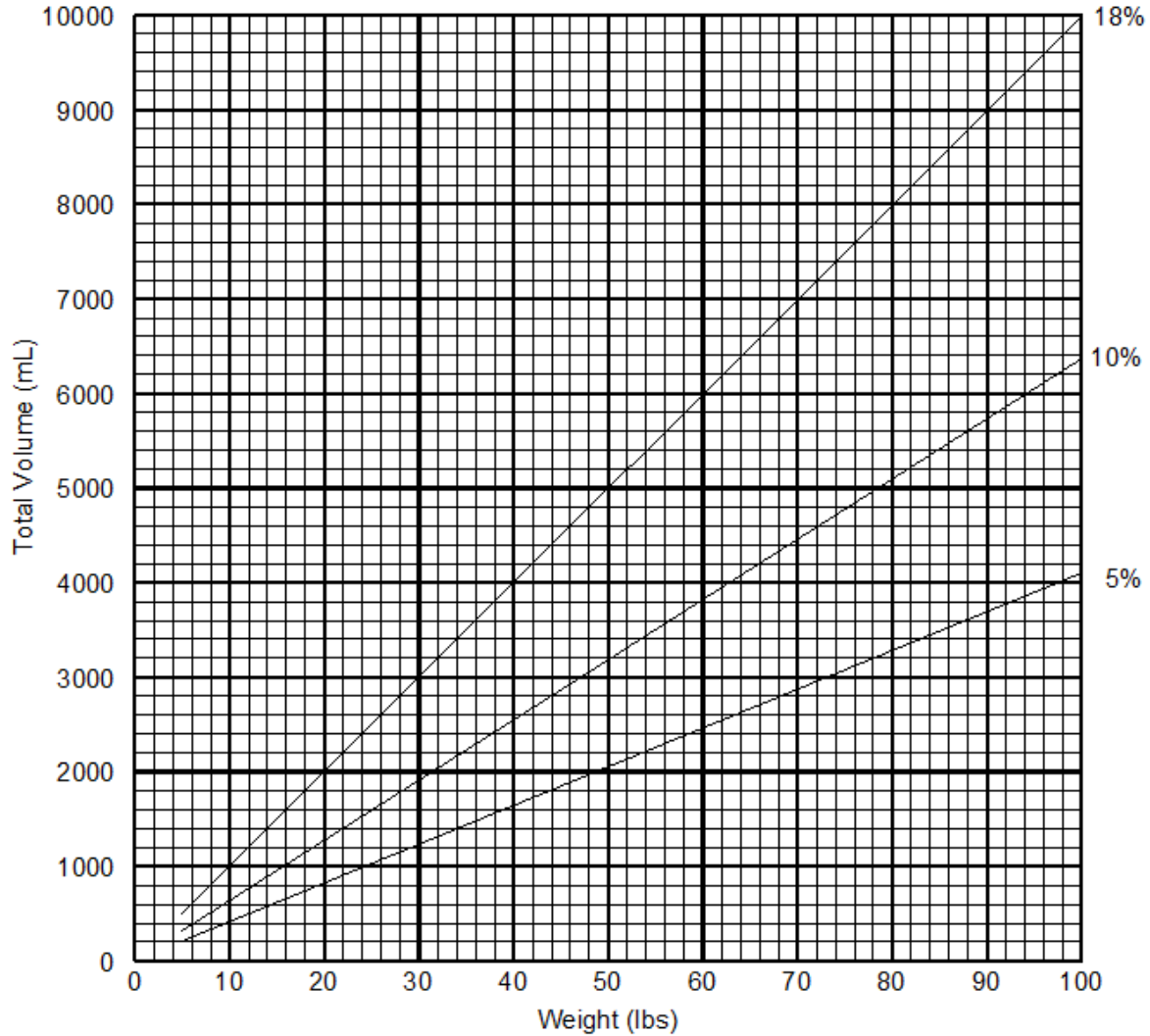
1. Determine the total fluid volume for the following patients weighing between 5 and 100 pounds. Find the patient's weight and go vertically to the sloped line representing the percent of dehydration. Record the total fluid volume in milliliters from the horizontal line.
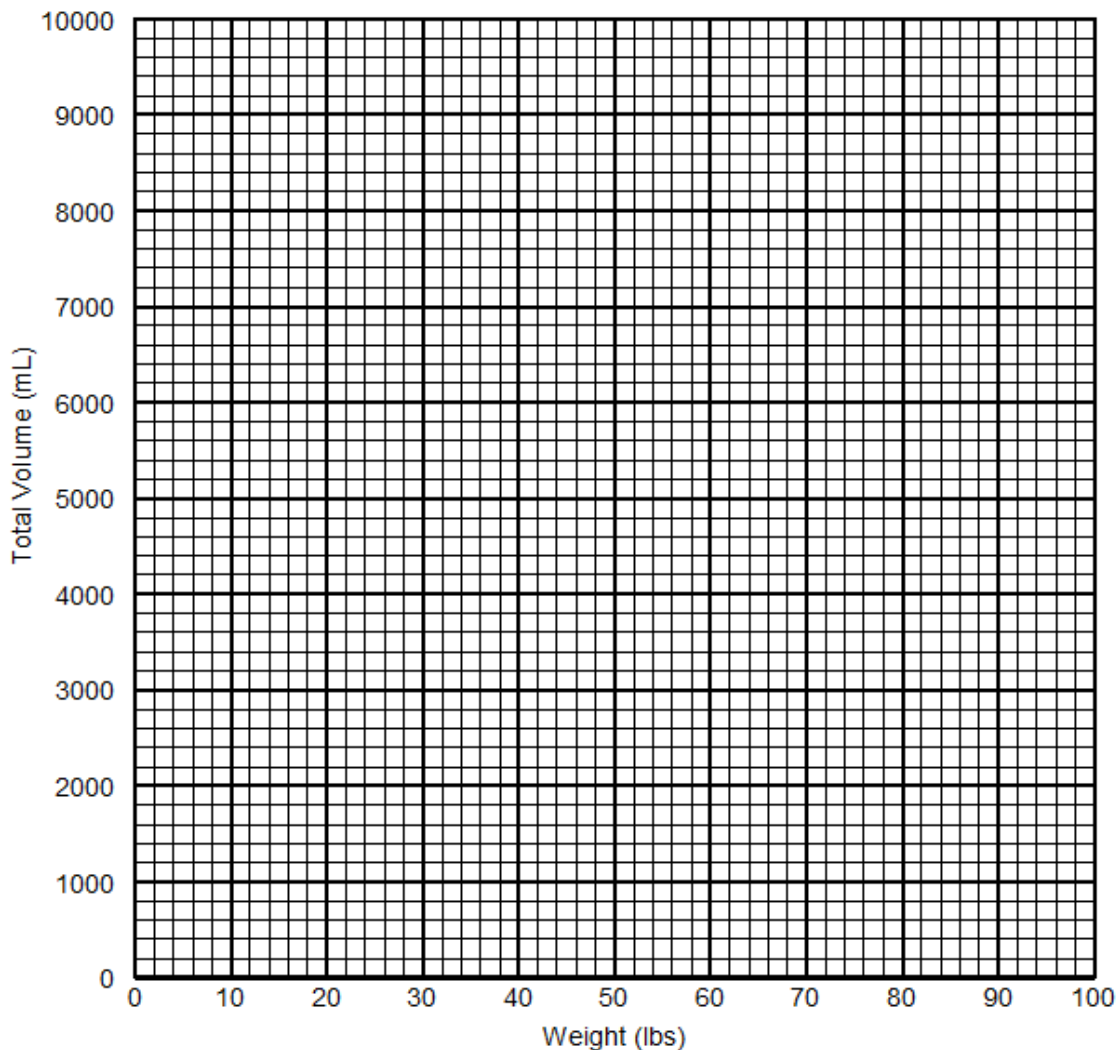

Patient's Weight	% Dehydration	Total Fluid Volume (ml)
25 lbs	5%	
44 lbs	5%	
88 lbs	5%	
28 lbs	10%	
50 lbs	10%	
80 lbs	10%	
29 lbs	18%	
80 lbs	18%	
94 lbs	18%	

Vet Tech Mathematics

3. **Calculate the following for _____ percent dehydration and plot two points for the patient's weight and total volume on the chart by drawing a sloped line between the two points.**

Patient weight	Replacement Volume	Maintenance Volume	Total Volume
5 lbs			
100 lbs			

4. **Determine the total fluid volume for the following patients weighing between 5 and 100 pounds. Find the patient's weight and go vertically to the sloped line representing the percent of dehydration. Record the total fluid volume in milliliters from the horizontal line.**

Patient's Weight	% Dehydration	Total Fluid Volume (ml)
15 lbs		
25 lbs		
35 lbs		
45 lbs		
60 lbs		
75 lbs		
90 lbs		