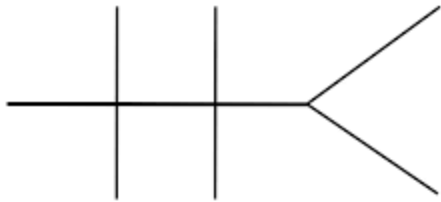


Name:



(Correctly label each diagram)

Electrolyte	Normal Values	Hyper signs and symptoms	Hypo signs and symptoms
Sodium			
Potassium			
Chloride			
Magnesium			
Phosphorous			
Calcium			

IV fluid	Type (colloid, crystalloid)	Tonicity
Normal Saline (____% saline)		
D5W (5% dextrose in water)		
Lactated Ringers (LR)		

1. Your patient is admitted with the following labs. What is the patient's primary problem? What signs and symptoms may they exhibit? What treatments would you anticipate?:

115 | 97 | ~~6~~
 3.0 | 22 | 0.8
 75 4.5 12.7
 40% 150

2. What are the primary differences between colloids and crystalloids?
3. The patient admitted after cardiac surgery has a CVP of 1.4 mmHg and is ordered 500mL of IV albumin. As if you were educating the patient, describe albumin (what it does, why it was ordered, contraindications, etc).

Volume Overload	Dehydration
Signs/Symptoms:	S/S:
Management:	Management:

	Met. Acidosis	Met. Alkalosis	Resp. Acidosis	Resp. Alkalosis
Cause(s)				
S/S				
Treatment				