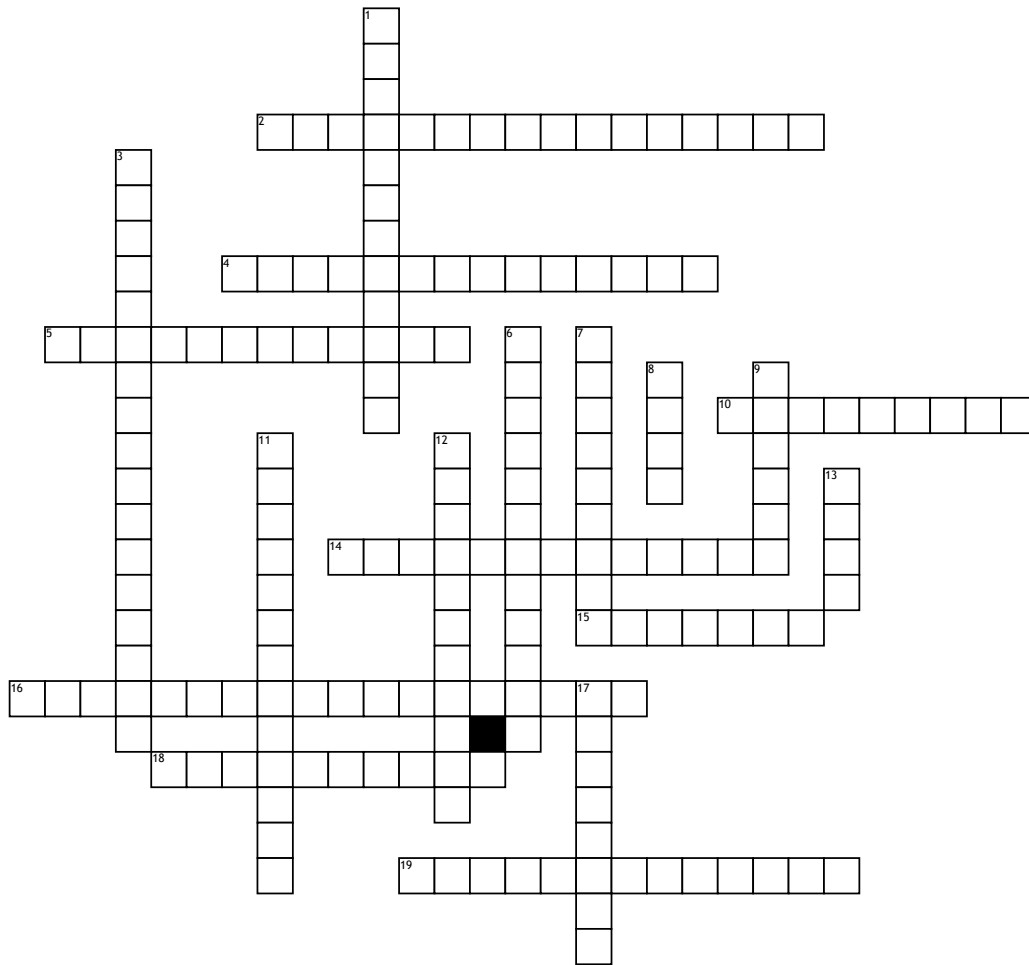


Name: _____ Date: _____

Fluid and Electrolytes



Across

2. CNS Depression, Muscle Weakness, Seizure, Osteomalacia
4. Lethargy, drowsiness, Decreased Pulse/Bp, Muscle Weakness, Diminished DTR, N/V
5. Chvostek's Sign, Trousseau's Sign, Tetany, Seizures, Fatigue
10. 3.5-5
14. Confusion, Tremors, Hyperactive DTR, Increased Pulse/BP, Insomnia, Muscle Cramps
15. 9.0-10.5

16. Loss of Fluids From the Cells and Tissue
18. Initially expands and raises the osmolality in ECF(D5 1/2NS & D10W)
19. WW. Seizures, Coma, Restlessness, Irritability, Muscle twitching to the point of weakness

Down

1. Caused by: GI Loss, SIADH, Water Intoxication, NPO Status
3. Caused by : Renal Failure, Enemas containing Phosphorus, Chemotherapy Drugs

6. Caused by: Renal Failure, Adrenal Insufficiency, Acidosis
7. More Water than electrolytes(0.45% NaCl and D5W)
8. Phosphorus
9. 135-145
11. Lethargy, Decreased reflexes, confusion, Bone Pain, Fractures
12. Muscle Weakness, cramping, dysrhythmias, Flat/ Inverted T Waves
13. Magnesium
17. Same osmolality as body fluid(NS 0.9 NaCl & lactated ringers)

Word Bank

Potassium	3.0-4.5	HyperPhosphatemia	Hypocalcemia
HypoKalemia	Hypertonic	Hypotonic	1.3-2.1
Hyperkalemia	Fluid Volume Deficit	Hyponatremia	Calcium
Hypermagnesium	Sodium	Hypomagnesium	Hypercalcemia
Hypophosphatemia	Isotonic	Hypernatremia	