		Date:		
		tasis: Maintaining a stable internal environm		
	Scenario: Paramecium in Salt Lake. Paramecium have about 1% salt water in the cytoplasm. Salt La			
ha		out 5% salt water.		
		Where is the hypotonic solution?		
		Where is the hypertonic solution?		
		In which direction will net osmosis occur?		
	d.	In which direction will net dialysis occur?		
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	e. f.	Would the paramecium tend to swell or shrink? Explain the answer to (e):		
	1.	Explain the answer to (e):		
	g.	Would you expect plasmolysis or cytolysis?		
		Explain your answer to (g):		_
. So	cenar	rio: Crunchy or wilted salad. Grocery stores frequently sp	ray their vegetables	with fresh water
D	oes i	t really work?		
	a.	Where is the hypotonic solution?		
		Where is the hypertonic solution?		
	c.	What is osmosis?		
	d.	What does this treatment do to the turgor pressure of cells?)	
	e.	Would the veggies be wilted or crisp?		
	f.	Explain the answer to (e):		
s. Sc	Scenario: Hemolysis of blood: What would happen to blood cells if distilled water is added to them?			
	a.	What is the hypotonic solution?		
	b.	What is the hypertonic solution?		
	c.	In which direction would osmosis tend to occur?		
	d.	Would blood cells shrink or expand?		
	e.	Explain the answer to (d):		
	f.	In which direction would dialysis tend to occur?		
	g.	In which direction would dialysis tend to occur? What substances would move through the cell membrane d		
. So		io: Saltwater fish dilemma: Consider fish living in the occ		
	a.	What is hypotonic: Seawater or fish cells?		
	b.	What is hypertonic?		
	c.	Would osmosis cause the fish cells to gain or lose water?		
	d.	Explain (c):		
	e.	Would dialysis cause the fish to gain or lose salt?		
	f.	Explain (e):		
		1 (-).		
	g.	How do fish keep from getting dehydrated?		