Name:	

Species Interactions Worksheet

Part A: Definitions

	Definition
Interspecific Competition	
Intraspecific Competition	
Symbiosis	
Commensalism	
Mutualism	
Parasitism	

Directions: Using your definitions above, use the following symbols to describe the interactions between organisms in each type of species interaction.

- $+\stackrel{.}{=}$ organism benefits
- = organism is harmed
- 0 = organism neither benefits nor is harmed (neutral)

Interaction	Organism #1	Organism #2
Predation		
Competition		
Mutualism		
Commensalism		
Parasitism		

Part B: True or False

	1. Camouflag	je is an adaptatio	on that has ev	olved through na	atural selection	1.
	2. Predation	is a relationship i	in which the p	orey consumes th	ne predator.	
	3. Interspeci	fic competition o	ccurs betweei	n members of the	e same species	S
	4. Intraspeci	fic competition of	ten leads to	extinction (same	niche)	•
	5. Mutualism	is a symbiotic re	lationship in v	which both speci	es benefit.	
	6. If a parasi	ite kills its host, t	he parasite m	ay also die.		
	7. Food, wat	er, shelter, light a	and other res	ources <i>are often</i>	limited	÷
		P	art C: Scena	rios		
parasi	tism, predatio		nutualism, co	ermine whether i mmensalism. In hoice.		
1.	Shrimp and the sea anen predators.	I Sea Anemone none. By hiding in	: The shrimp In the sea ane	is immune to the mone, the shrim	stinging tenta p is protected i	icles of from
	Interaction:					
	Reasoning:					
	5 -					
	_					
			<u></u>		· · · · · · · · · · · · · · · · · · ·	
				•	·	
2.	Algae and C Algae provide with shelter.	Coral: In a marings the coral with	e environmer inorganic nut	nt algae can be for rients and the co	ound living on ral provides th	coral. ie algae
	Interaction:		nu pare	 ,		
	Reasoning: _					
			***			<u></u> .
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3.	Tapeworm and Dog: The tapeworm attaches to the intestinal wall of the dog and takes nutrients consumed by the dog.
	Interaction:
	Reasoning:
4.	Ant and Acacia Tree: The ant burrows into a thorn of the acacia tree to live and eat sugar secreted by the tree. The ants benefit the tree by attacking other predators.
	Interaction:
	Reasoning:
	-
5.	Cleaner Fish and Shark: The cleaner fish feeds on parasites in the shark's mouth and gills.
	Interaction:
	Reasoning:
6	. Tick and Cow: The tick burrows into the cow's skin to suck blood.
	Interaction:
	Reasoning:

Komodo Dragon ouffalo to inject it v oolsoning and is ea	vith venom. Abo	out 1 week l	ater, the wate	r buffalo di	es of		
Interaction:		-					
Reasoning:				-	·		
					· · · · · · · · · · · · · · · · · · ·		
		_			,		
Tigers and Golde the tiger's kills once	e n Jackals: Lone the tiger has fi	e golden jac nished eatir	kals often folk ng.	ow tigers to	feed on		
Interaction:			-				
Reasoning:		n					
···						·	
		-		· ·			
			. Ida a sana a mus	es during t	bo fall		
Deer and Bison: months.	A deer and a bis	son both eat	tne same gra	ss during d	ile Iali	•	
Interaction:							
		•					
							,
				·			
Interaction:						·	