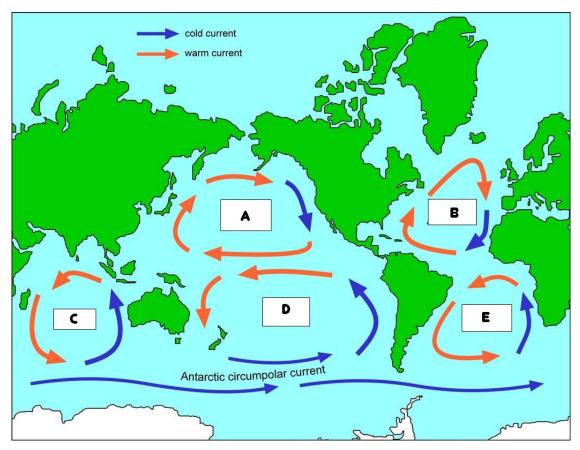
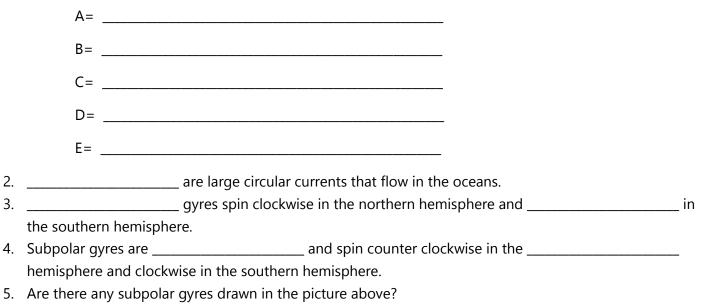
OCEAN CURRENTS MOVIES

NAME



Movie 1: Ocean Gyres

1. Write the names of the gyres above



6. What continent does the Antarctic circumpolar current encircle?

Movie 2: Surface Currents and Deep Currents

7.	Which currents are at the top of the ocean?		
8.	Which currents are at the bottom of the ocean?		
9.	Surface currents are controlled by the		
10.	 Surface currents are also controlled by 	off of	
11. The Coriolis effect (which also affects surface currents) makes currents and wind appear to b		ts) makes currents and wind appear to be	
	due to earth's rotation.		
12.	2. Deep currents are,,,	, and	
13.	3. Deep currents move		
14.	14. Oceans distribute by way of currents.		
15.	5. The Ocean steals warm water from the	and give it to the cold.	
16.	6. The Ocean steals cold water from the and give it to the warm.		
Movie	ie 3: How Deep Currents Work		
17.	7. The deep ocean currents make a continuous stream	making a loop called the global	
18.	B. Water freezes and leaves be	ehind.	
19.	19. The water's increases and the water sinks.		
20. The Antarctic current circles around Antarctica.			
21. Winds displace the warm surface water, then cold water wells up from			
22.	2. It takes about years for wa	er to flow through the entire conveyor	
23.	The global conveyor belt cycles heat, salt, and	across the globe.	
<u>Movi</u>	ie 4: Marine Life and Upwelling		
Upwell	ellings forests of giant kelp.		
Urchin	ns the holdfasts of the kelp.		
The su	unflower starfish eats brittle u	sing its feet to for prey.	
Sandd	dollars are really flat		
Upwellings near Africa support colonies.			
The sp	pots of pigment are used for		
Who is	is the even bigger predator on the prowl?		