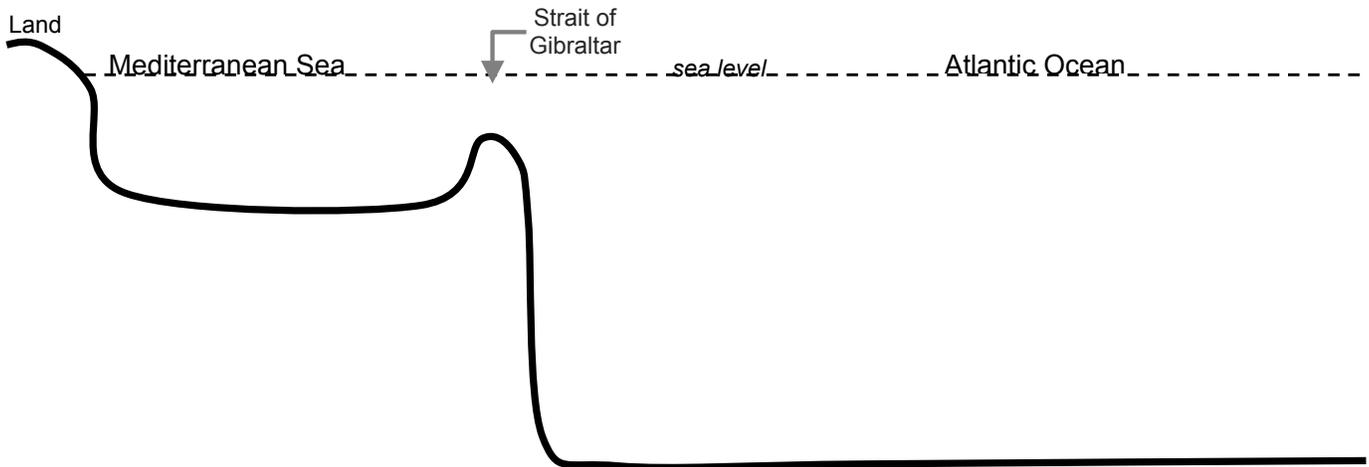


Mediterranean Sea

Name: _____

<p>Why is the Mediterranean Sea so salty?</p>	<p>Which is warmer: the Mediterranean or Atlantic?</p>	<p>Which is denser: the Mediterranean or Atlantic? Why?</p>
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Use arrows to show what happens to water at the Strait of Gibraltar on the diagram below:



North Atlantic / Arctic

Name: _____

<p>Why is the water near Greenland dense enough to sink?</p>	<p>What is the name of the deep ocean current created by this sinking water?</p>	<p>What process returns this deep water back to the surface?</p>
<p>Why are deep ocean currents important to life in the deep ocean?</p>		<p>What does the upwelling bring to the surface that leads to happy fish?</p>

Lake in Summer

<i>Surface Water</i>	Temperature: Density (lower or higher):
<i>Deep Water</i>	Temperature: Density (lower or higher):

What happens to the lake's surface water during the Summer?

Lake in Winter

<i>Surface Water</i>	Temperature: Density (lower or higher):
<i>Deep Water</i>	Temperature: Density (lower or higher):

What happens to the lake's surface water during the Winter?

What happens to the lake's deep water during the Winter?