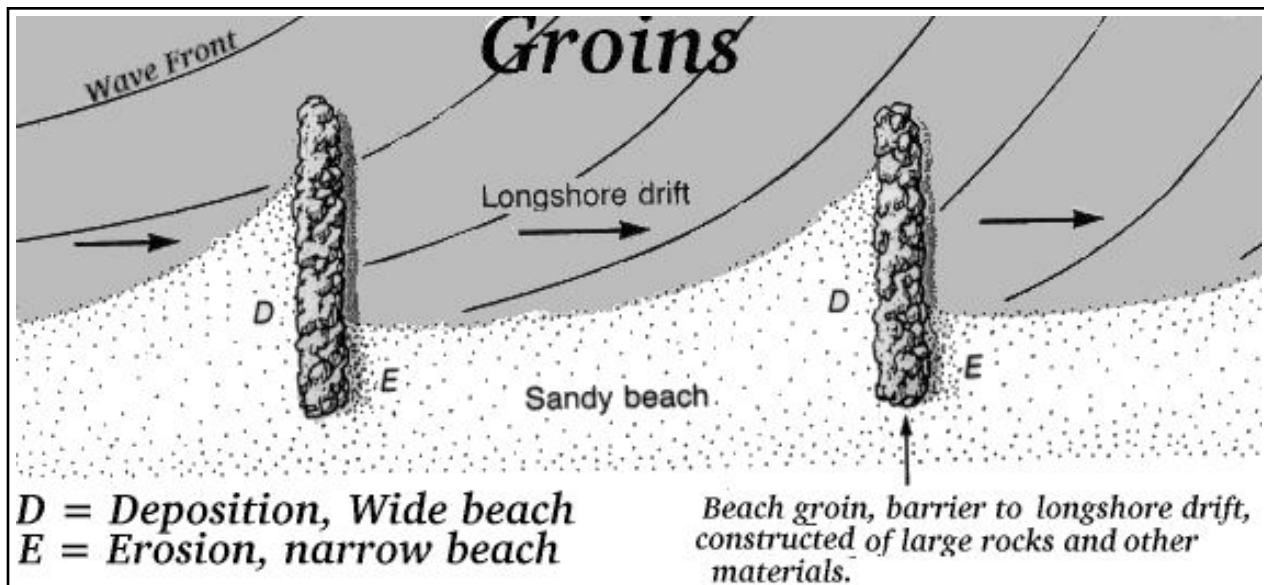


Oceans and It's Features

1. Manmade features used to control erosion and accelerate deposition
 - ☉ **Jetty**-Rock wall or wood wall built to protect entrance to a harbor from water erosion or storms and accelerate deposition
 - ☉ **Groin**-Built to protect beaches from sand erosion...either wind or water and accelerate deposition
 - ☉ **Breakwater**-Barriers built offshore that slow down wave action and accelerate deposition



2. Longshore Drift (Littoral Drift)

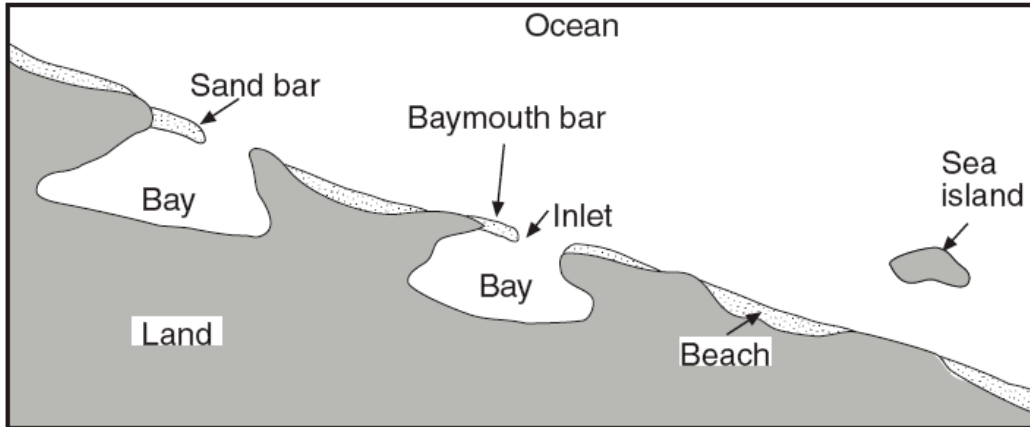
- ☉ Longshore currents carry sediments along...parallel to the shoreline
- ☉ This occurs when waves hit the shore at an angle
- ☉ Jetties and Groynes give clues as to what direction sand is being deposited
- ☉ **Will tell you direction waves are coming from!!!!**
- ☉ **Look for the buildup of sand!!!!**

3. Depositional Features

- ☉ **Spit**- A collection of sand (sand bar) that points like a finger. Tells you direction waves are traveling
- ☉ **Barrier Islands**-Long, narrow strips of sand forming islands that protect inland areas from ocean waves and storms

Name _____

Spit-Shows Wave Direction



Barrier Islands

