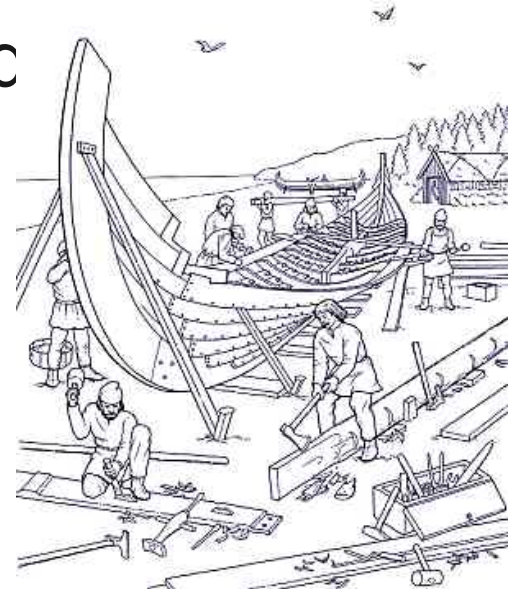


# Viking Ship Building



# Building

- Hull was made by overlapping planks
- secured with iron rivets
- wool string dipped in tar was wedged in between the planks
- oak was the most common wood used
- rigging was made from horsehair or walrus hide



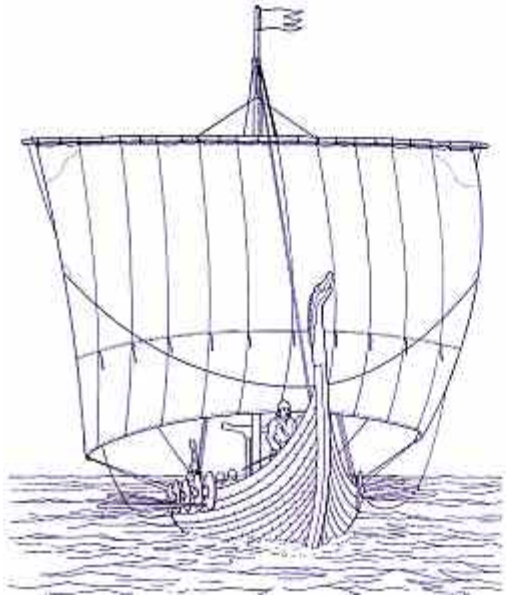
# The Drekar

- dragon-headed longships
  - stealthy troop-carriers
  - cross the open oceans under sail and then switch to oars for lightning-fast hit-and-run attacks

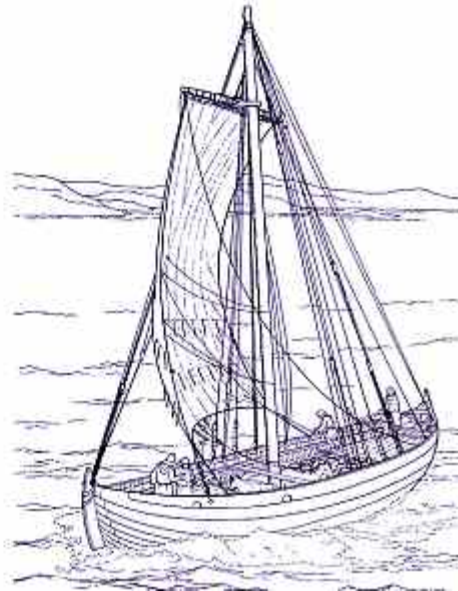


# Two different classes of Viking era ships

warships called  
*langskip*



merchant ships called  
*knörr*



# Etc.

- Dragon head on the bow to protect from evil
- Shallow draft allowed them to go ashore on any beach
  - not reliant on harbour
- First Europeans to reach America
  - around the year 1000 (Leif Eriksson)



# Walrus Hide as Rope

these skin ropes were highly prized, and were an important trade item. They were probably made by cutting the hide in a spiral around the body of the creature

