

Name \_\_\_\_\_

## Voyage Planning with Nautical Miles

**Scenario:** You are the official **navigator** for Christopher Columbus! It's your job to **help plan and record the distances of his voyages** using different units of measurement.



Columbus measures distances in **nautical miles**, but the Queen's court wants the distances also reported in **miles** and **kilometers** so everyone can understand.

Use the conversion rates below to complete the voyage chart!



### Conversion Chart:

- 1 nautical mile = 1.1508 miles
- 1 nautical mile = 1.852 kilometers

Fill in the missing information using the conversion chart above.

Route	Distance (Nautical Miles)	Distance (Miles)	Distance (Kilometers)
Spain to Canary Islands	700		
Canary Islands to Bahamas (First Voyage)	3,100		
Total for First Voyage (Round Trip Estimate)	6,200		
Third Voyage: Spain to South America	3,200		
Fourth Voyage Total	7,000		

### Reflection Questions

1. Why do you think sailors used **nautical miles** instead of regular miles?
2. If Columbus's ship traveled at 4 nautical miles per hour, how long would it take to go from the **Canary Islands to the Bahamas**?
3. How might accurate measurements have helped Columbus convince others of his journey's success?