

Answer Box Format

Answer Box

Task		Your Response
Action Word	What It Asks For	Fill in the boxes below:

Because!

Answer Box

Task		Your Response
Action Word	What It Asks For	Fill in the boxes below:
Identify	Geocentric #1	Ptolemy
Identify	Geocentric #2	Brahe
Identify	Heliocentric #1	Copernicus
Identify	Heliocentric #2	Kepler
Explain	Why heliocentric view was controversial	It went against the teachings of the Church.

Because!

- One astronomer who had a geocentric view of the universe was Ptolemy. A second astronomer with a geocentric view was Brahe.
- One astronomer who had a heliocentric view of the universe was Copernicus. A second astronomer with a heliocentric view was Kepler.
- One reason the heliocentric view was controversial is **BECAUSE** it went against the teachings of the Church.

#2 – the bicycle

Task		Your Response
Action Word	What It Asks For	Fill in the boxes below:
What	Aristotle	Slow down and stop
What	Newton	Keep moving at the same speed

Aristotle would have said that the bicycle would slow down and stop **BECAUSE** it is the natural state for an object. Newton would have said that the bicycle would keep moving at the same speed **BECAUSE** there was no friction.

#3 – light years

Task		Your Response
Action Word	What It Asks For	Fill in the boxes below:
Why	Use light years	Distances are enormous
Why	Not use kilometers	Numbers would be HUGE

Astronomers often use light years to measure distances between celestial objects **BECAUSE** these distances are enormous. They do not use kilometers **BECAUSE** the numbers would be huge.

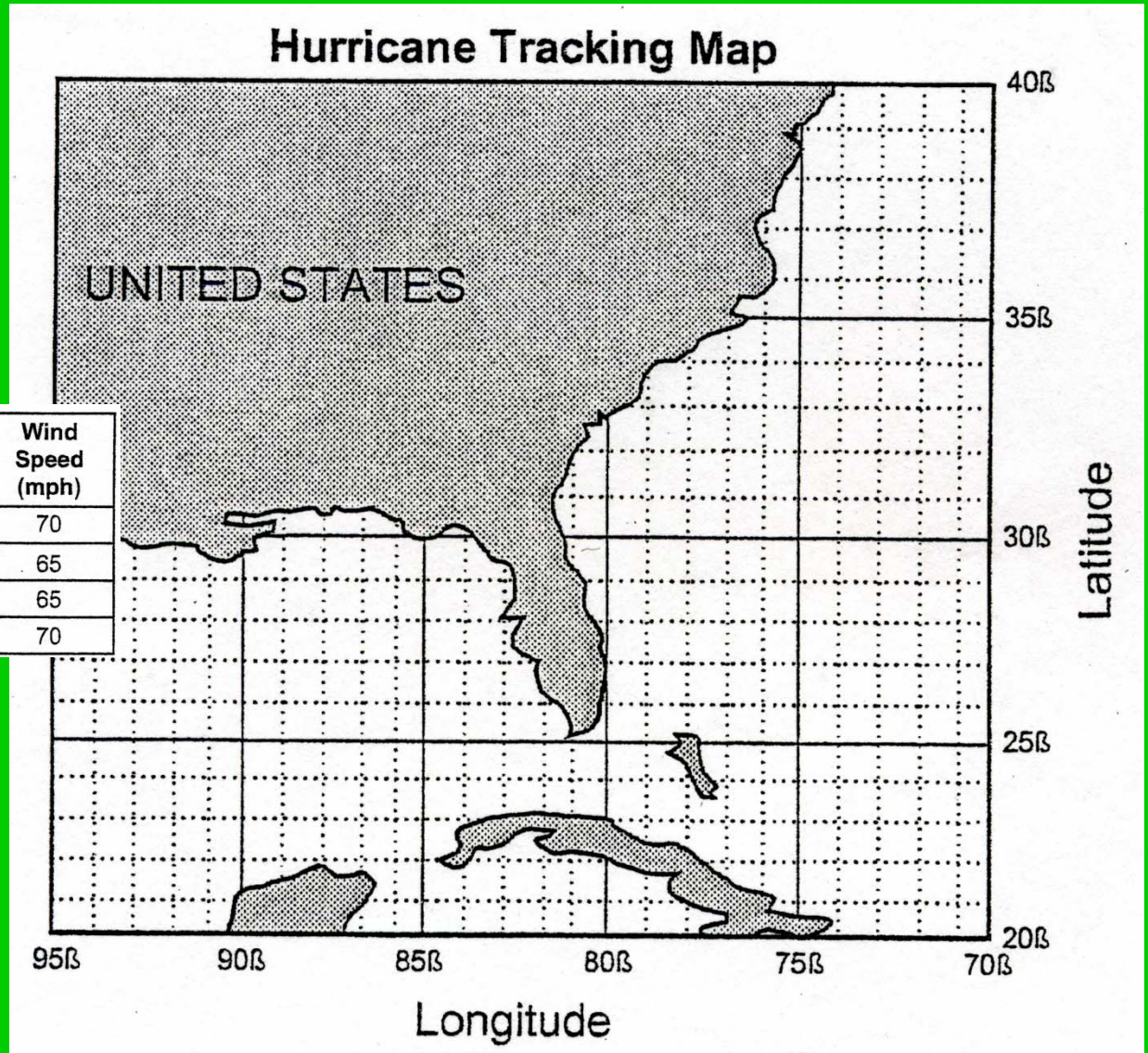
#4 – pure water

Task		Your Response
Action Word	What It Asks For	Fill in the boxes below:
Which	More likely pure	Collected water
Explain	Reasoning behind answer (Likely less pure)	Faucet water


The water that is more likely to be pure is the collected water **BECAUSE** when water evaporates it leaves the other substances in it behind. The faucet water is likely less pure **BECAUSE** it may contain minerals or other solids.

Hurricane Tracking

Date	Latitude Degrees (north)	Longitude Degrees (west)	Wind Speed (mph)
Aug. 31	28	75	70
Sept. 01	29	78	65
Sept. 02	31	79	65
Sept. 03	33	79	70



Hurricane Tracking

Task		Your Response
Action Word	What It Asks For	Fill in the boxes below:
What	Day of landfall	September 4th
Explain	Basis for prediction	
	 Identifying the pattern	Increasing about 2° North latitudinally and 1° West longitudinally on a daily basis
	Process for determining the pattern	Based on the chart
	Linking pattern to details	If the hurricane continued on its current path, it would be around 35° N latitude & 80° W longitude where it would strike land between Florida and the Carolinas.

I say that the hurricane would probably hit land on Sept. 4th. Based on the chart, the hurricane is increasing approximately 2° North latitudinally and 1° West longitudinally on a daily basis. If the hurricane were to continue on this path, it would be around the point 35° N latitude and 80° W longitude, where it would strike land between Florida and the Carolinas.