

Name _____ Date _____ Teacher _____ Period _____

If you worked with other students, their name(s): _____

Directions: Draw 2 arrows from each evidence box, one to each model. You will draw a total of 8 arrows.

Key:

	The evidence supports the model
	The evidence STRONGLY supports the model
	The evidence contradicts the model (shows its wrong)
	The evidence has nothing to do with the model

Evidence #1
Land use changes have generated large pressures on freshwater resources. These changes are affecting both water quality and availability.

Model A
Earth's freshwater challenges will be solved by engineering solutions.

Evidence #3
Water reclamation and desalination costs are expensive. These costs vary depending on location.

Evidence #2
The world's population is increasing. This stresses the supply of freshwater.

Model B
Earth has a shortage of freshwater, which will worsen as our world's population increases.

Evidence #4
Advances in engineering have led to better access to quality drinking water. At the same time life expectancy and quality of life have improved.