

Name: \_\_\_\_\_

## In Class Activity – Survey of Knowledge

Answer each of these questions to the best of your ability.

**True / False / I don't know** (circle your answer): Transgressions and regressions caused by rising and falling sea level can't alter the direction and speed of tectonic plate movements.

**True / False / I don't know** (circle your answer): The Cambrian and Permian are the oldest and youngest periods of the Paleozoic Era, so the Permian is the first period and the Cambrian is the last period of that era.

**Which of the following cause orogenies** (circle all that apply):

extinction

rifting of continental crust

subduction of oceanic crust

deposition of quartz sand

evolution of new species

rising sea level

continental-continental crust convergence