

NAME:

1. **Review Classwork #9.**
2. **Study Material “Echo example”** (can be found on the school website on our class homework page).
3. **How long will it take a sound wave to travel 1 mile (about 1.6 km) *in the air*? Show your work!**
4. **Suppose you could yell “Hello!” underwater 😊. At least how far away an underwater mountain must be located to produce a clear echo?**
Hint: use the approach described in the Study Material! Show your work!