

7.RP Thunder and Lightning

Task

Alyssa sees a lightning bolt in the sky and counts four seconds until she hears the thunder.

- a. There are 5280 feet in a mile and about 3.28 feet in a meter. Given that sound travels about 343 meters per second, is the lightning strike within one mile of Alyssa?
- b. What is the speed of sound in miles per hour?



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