

**Worksheet 4. Reading: Thunder and Lightning**

Read the passage. Complete the sentences below the passage. Circle the correct completion.

Thunder and Lightning

You see **lightning**. You hear **thunder**. Is the lightning near you or far from you? You can **figure it out**. Use this information:

Sound travels through air at around 350 meters per **second**, or 1,200 feet per second. That's a fact. So, sound travels at a **speed** of 1 kilometer in three seconds, and 1 **mile** in five seconds.



When you see a **flash** of lightning, you can start counting the seconds. The number tells you how far away the lightning is. For example, if there are ten seconds between the lightning and the thunder, the lightning is 2 miles or 3 kilometers away. If there are five seconds between the lightning and the thunder, the thunder is 1 mile or 1.5 kilometers away. If there is one second between the lightning and the thunder, you are right in the middle of a storm.

1. Lightning is _____.
a. a light
b. a sound

5. *Speed* means _____.
a. how fast something travels
b. how loud something sounds

2. Thunder is _____.
a. a light
b. a sound

6. Sixty seconds equals (=) one _____.
a. minute b. hour

3. Which is true?
a. Lightning comes before thunder.
b. Lightning comes after thunder.

7. Sound travels at _____.
a. 350 meters per second
b. 350 miles per second

4. *Figure it out* means _____.
a. tell somebody the answer
b. find the answer

8. A flash is _____.
a. a short, fast light
b. a short, fast sound