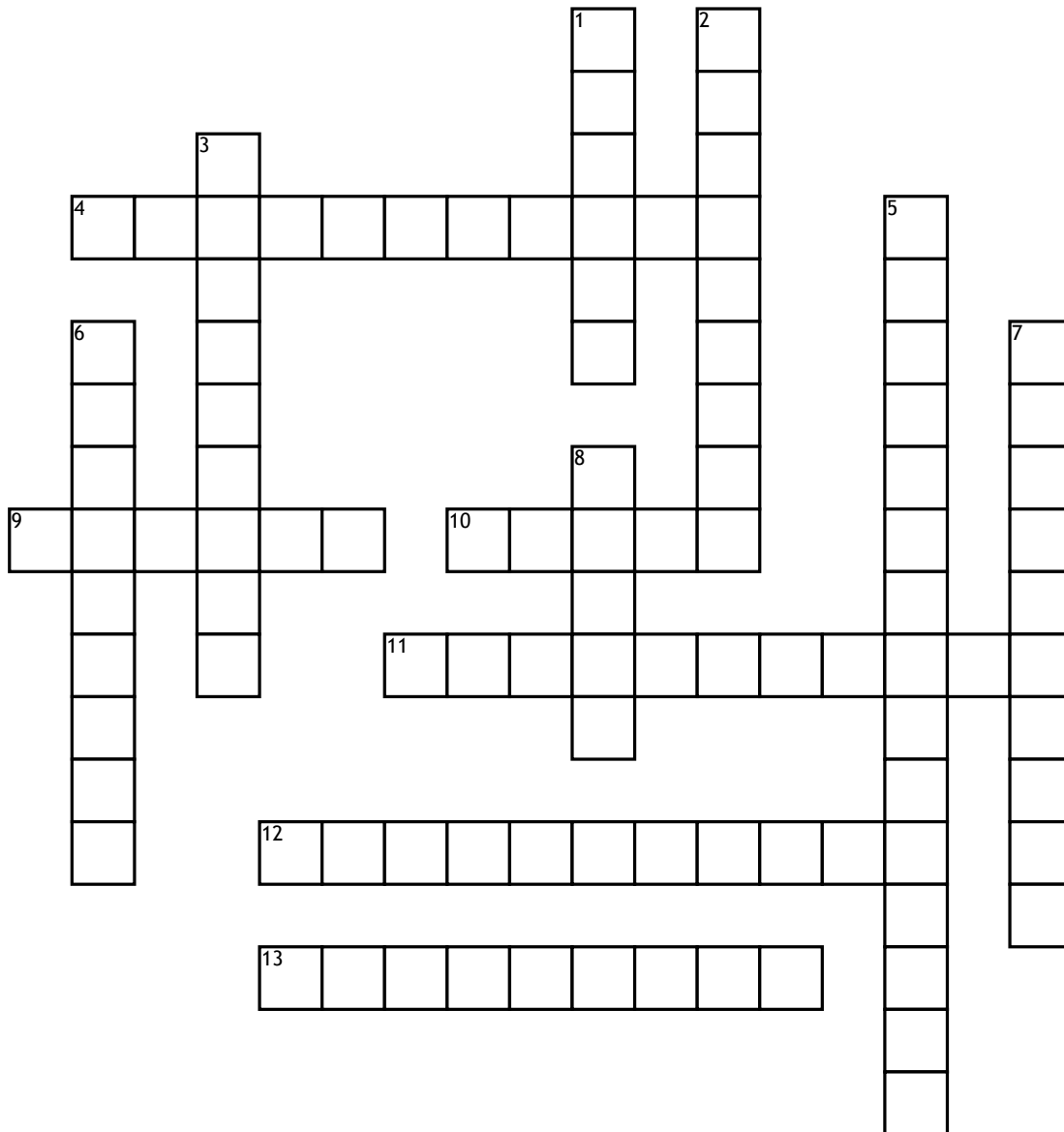


Longitudinal and Transverse Waves



Across

4. part of a longitudinal wave that is close together

9. lowest point on a transverse wave

10. strength or energy as an attribute of physical action

11. an elastic wave in the earth produced by an earthquake

12. part of a longitudinal wave that is spread apart

13. absorbed in tiny packets called photons and exhibits properties both waves and particles

Down

1. substance a wave must travel through

2. a wave of compressions and rarefactions in an elastic medium such as air

3. height of a wave

5. energy possessed by a body by virtue of its position relative to others

6. repeated up and down or back and forth

7. distance from crest to crest

8. highest point on a transverse wave