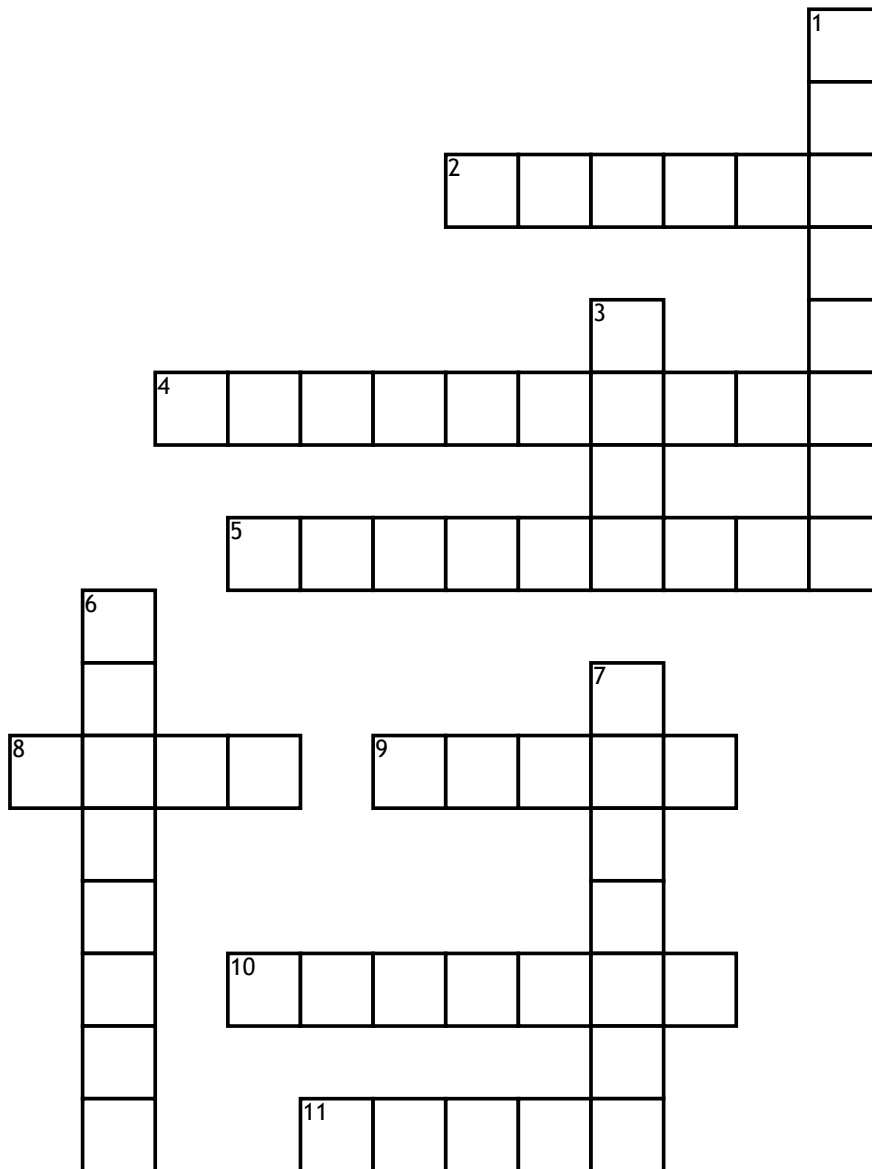


# Chapter 9: Sound Beams



## Across

2. The higher the frequency, the \_\_\_\_\_ the focus.
4. What is another name for the focus?
5. Transducer diameter and \_\_\_\_\_ of sound determine beam divergence.
8. The beam diameter at the focus is \_\_\_\_\_ transducer diameter.
9. Scanning at higher frequencies improves \_\_\_\_\_ resolution, but penetrates deeper.

10. a small diameter PZT creates a \_\_\_\_\_ focus.

11. Less beam divergence is created by a \_\_\_\_\_ PZT diameter.

## Down

1. transducer diameter and frequency are \_\_\_\_\_ related to focal depth.
3. Small diameter creates \_\_\_\_\_ beam divergence.
6. Fresnel zone is also known as what?
7. The Fraunhofer zone is also called what?