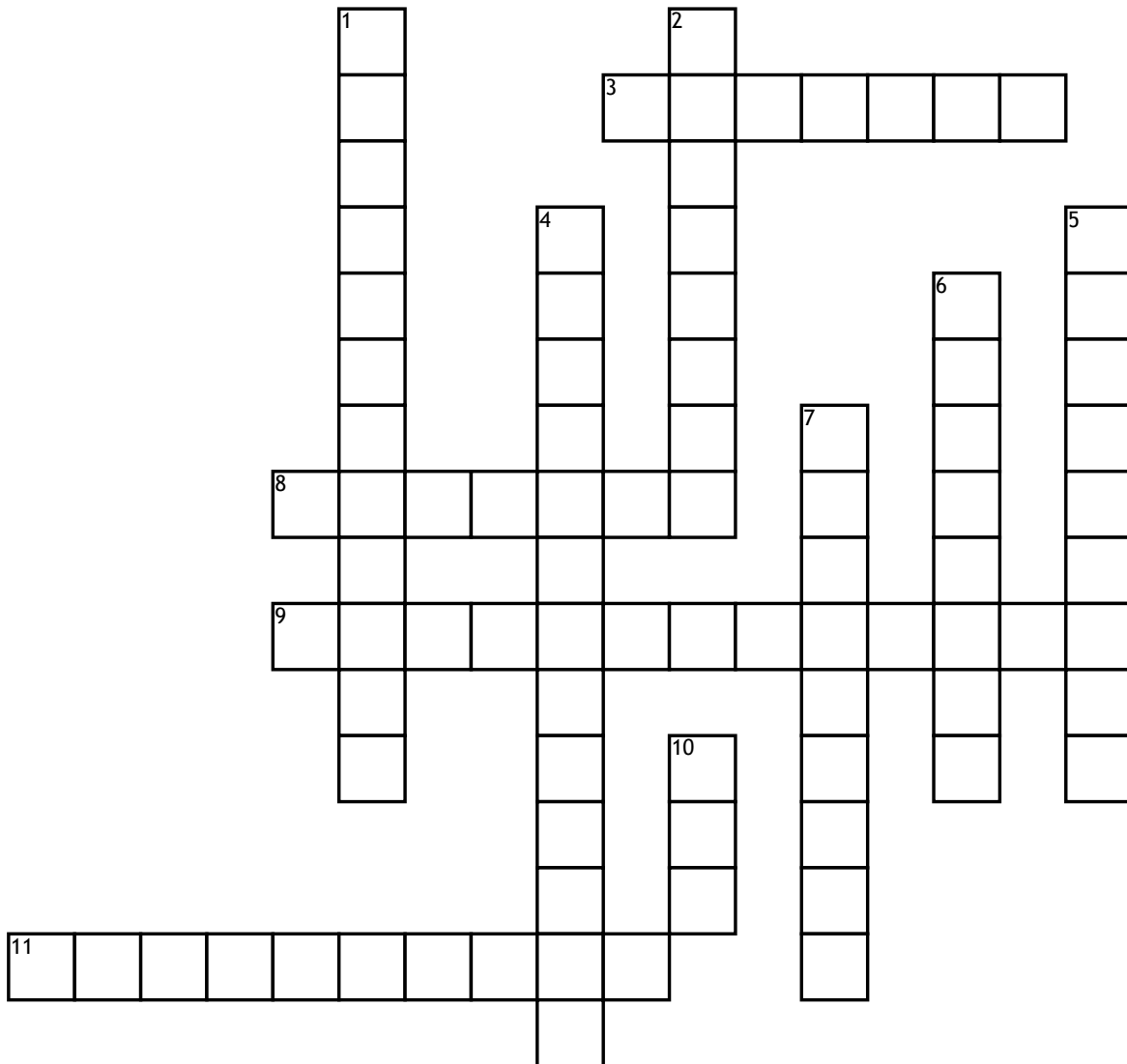


Radiation Characteristics



Across

- 3. is used to describe the mean energy or penetrating ability of the x-ray beam
- 8. is the overall darkness or blackness of an image
- 9. regulates the temperature of the cathode filament
- 11. refers to the variation of the true size and shape of the object being imaged

Down

- 1. is the interval of time during which x-rays are produced

- 2. refers to the number of x-rays produced in the dental x-ray unit
- 4. results from the divergent paths of the x-ray beam as they radiate from the focal spot
- 5. refers to the capability of the receptor to reproduce the distinct outline of an object
- 6. refers to how sharply dark and light areas are differentiated on an image
- 7. is the product of the quantity and quality per unit of area per unit of time of exposure
- 10. controls the quality or wavelength of the x-ray beam