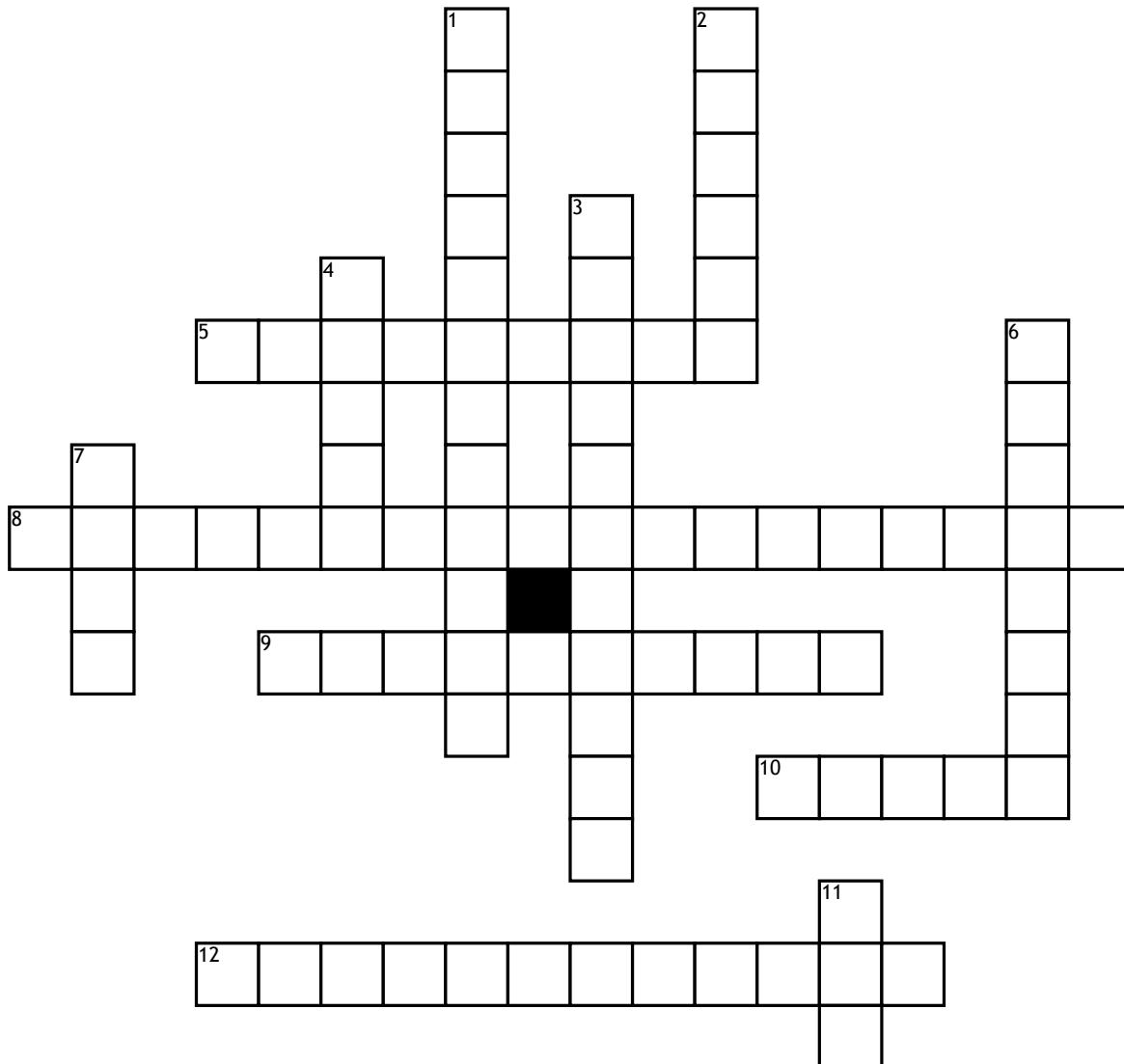


# MRI Crossword



## Across

5. Signal to noise ratio enhancing technique in which the same MRI signal is repeatedly acquired two or more times and then is combined and averaged
8. Ability of an imaging process to distinguish adjacent soft tissues from one another.
9. A popular contrast agent for MRI.
10. Unit of magnetic flux density in the older CGS system

12. Spin spin, or transverse, relaxation time.

## Down

1. Spin lattice, or longitudinal, relaxation time.
2. MRI technique used to minimize motion artifacts.
3. Stray magnetic field that exists outside the imager
4. Preferred SI unit of magnetic flux density or magnetic field intensity

6. Atmospheric gases such as nitrogen and helium that have been cooled sufficiently to condense into a liquid.

7. Single or multiple loops of wire designed to produce a magnetic field from current flowing through the wire
11. Area of the anatomy that is being imaged; a function of acquisition matrix time pixel size.