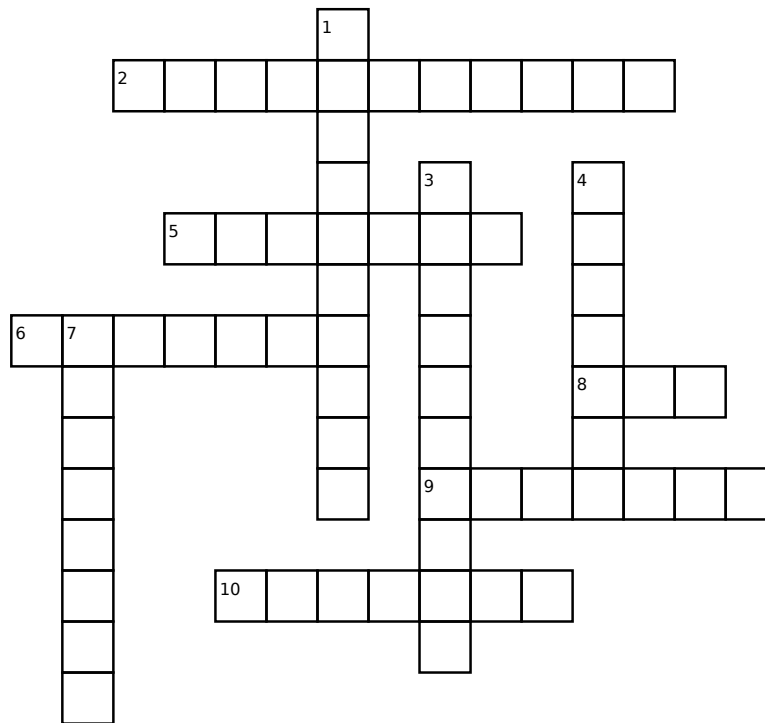


Nuclear Science Week Crossword Puzzle



Down:

1. International award bestowed by Swedish and Norwegian institutions in recognition of academic, cultural, or scientific advances
3. First woman to win a Nobel Prize in Physics
4. The splitting of a heavy nucleus into two and accompanied by the release of a relatively large amount of energy
7. A person who designs, builds, or maintains engines or structures

Across:

2. Spontaneous decay of an unstable atomic nucleus
5. Energy that is created when the nuclei of atoms are split apart or joined together
6. A device in which a nuclear fission chain reaction occurs under controlled conditions so that the heat yield can be used
8. An atom or molecule that is electrically-charged because of loss or gain of electrons
9. The basic fuel of nuclear energy
10. Branch of science that deals with the structure of matter and how the universe interacts