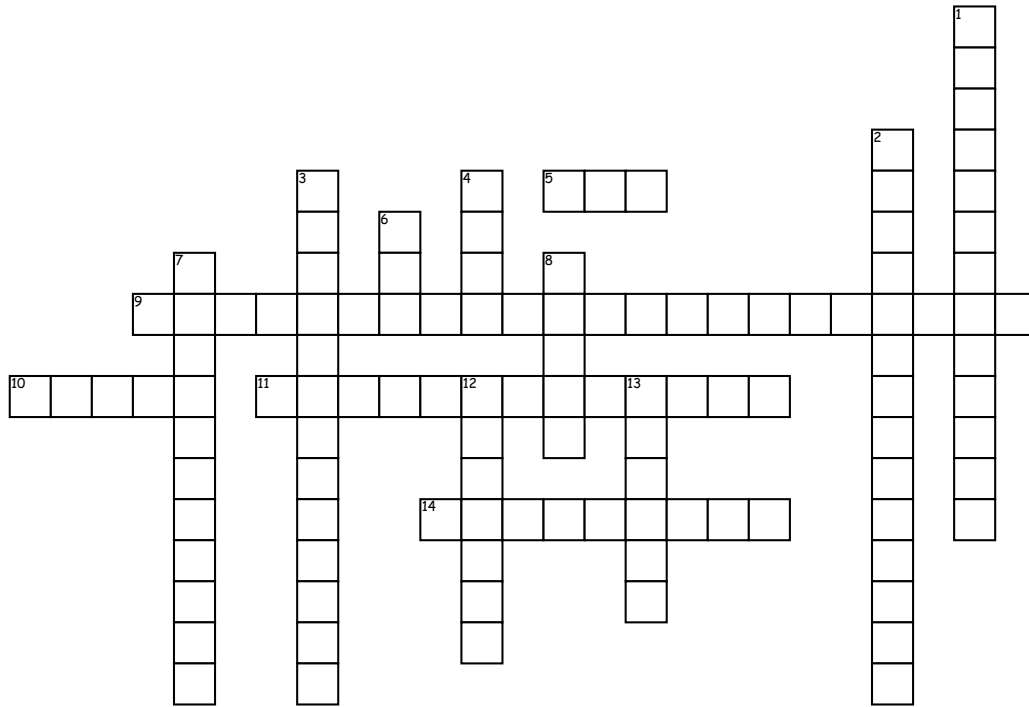


Name: _____

Date: _____

Astronomy



Across

5. Amount of radiation that gets to the earth from the sun

9. Distance from the crust to the crest of a wave; number of times a wave passes a given point will determine type of electromagnetic radiation

10. combustion generates the _____ amount of energy

11. energy from the sun; used by plants for photosynthesis

14. part if the atom involved in combustion reactions

Down

1. protective field around the earth

2. splitting of an atom into elements of smaller size; releases energy

3. combining of individual atoms into a larger element; releases energy

4. nuclear fusion generates the _____ amount of energy

6. where nuclear fission occurs

7. due to earth's rotation; earth is bigger at the equator

8. heats up very slowly; has a high specific heat meaning that it takes a lot of energy to warm up; moderates land temperatures beside it

12. part of the atom involved in fusion and fission

13. Ability to do work or generate heat

Word Bank

energy
most
radiant energy
water
nuclear fission

magnetic field
nucleus
earth bulges
electrons
nuclear fusion

50%
sun
wavelength and frequency
least