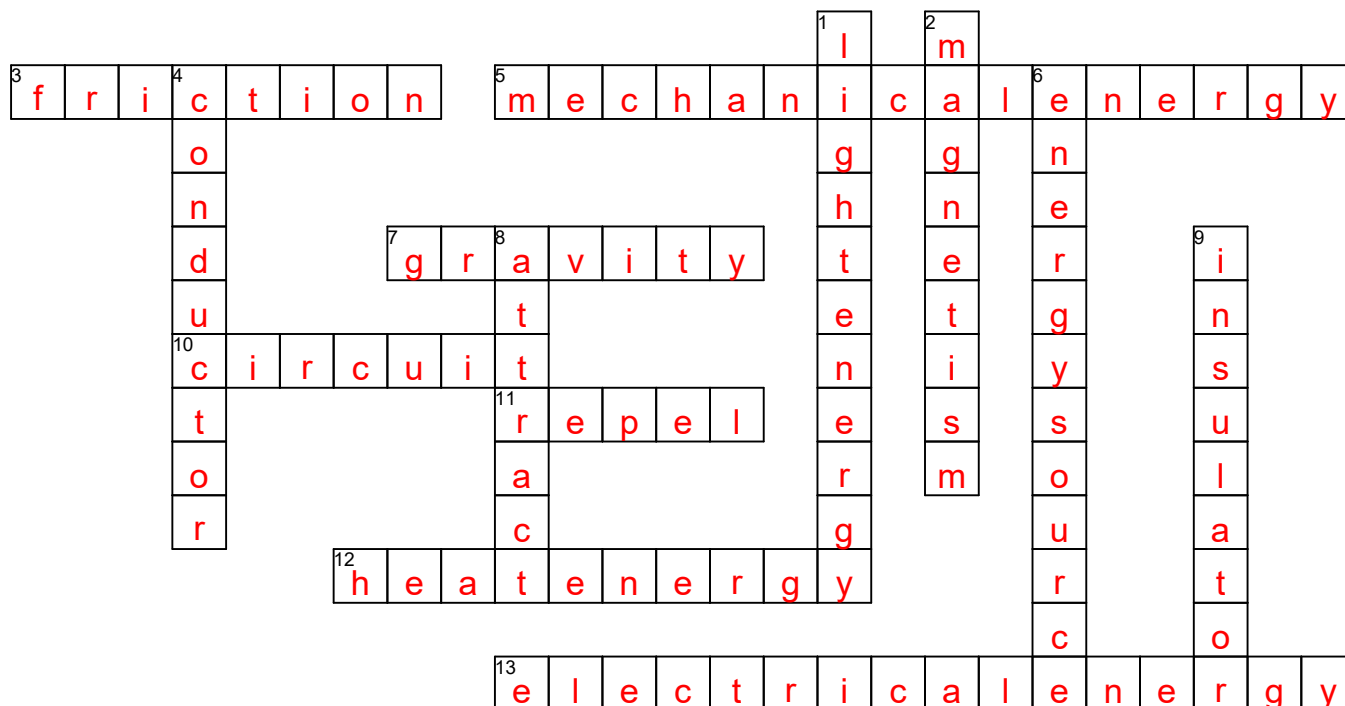


4th Grade Science Vocabulary Crossword Puzzle 16

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

3. A contact force acting against motion that slows objects down.
5. The sum of potential energy and kinetic energy.
7. An attracting force between any two objects with mass.
10. A route that starts and finishes in the same place.
11. To go against.
12. A form of energy that is transferred by a difference in temperature.
13. Energy related to forces on electrically charged particles and the movement of electrically charged particles.

DOWN

1. A kind of kinetic energy with the ability to make types of light visible to human eyes.
2. The force that causes magnets to pull on objects.
4. A material that allows electricity to pass through it easily.
6. Where the energy starts.
8. To pull closer.
9. A material that does not allow electricity to pass through it easily.

energy source
heat energy
electrical energy
repel

conductor
light energy
circuit

attract
insulator
mechanical energy

magnetism
gravity
friction