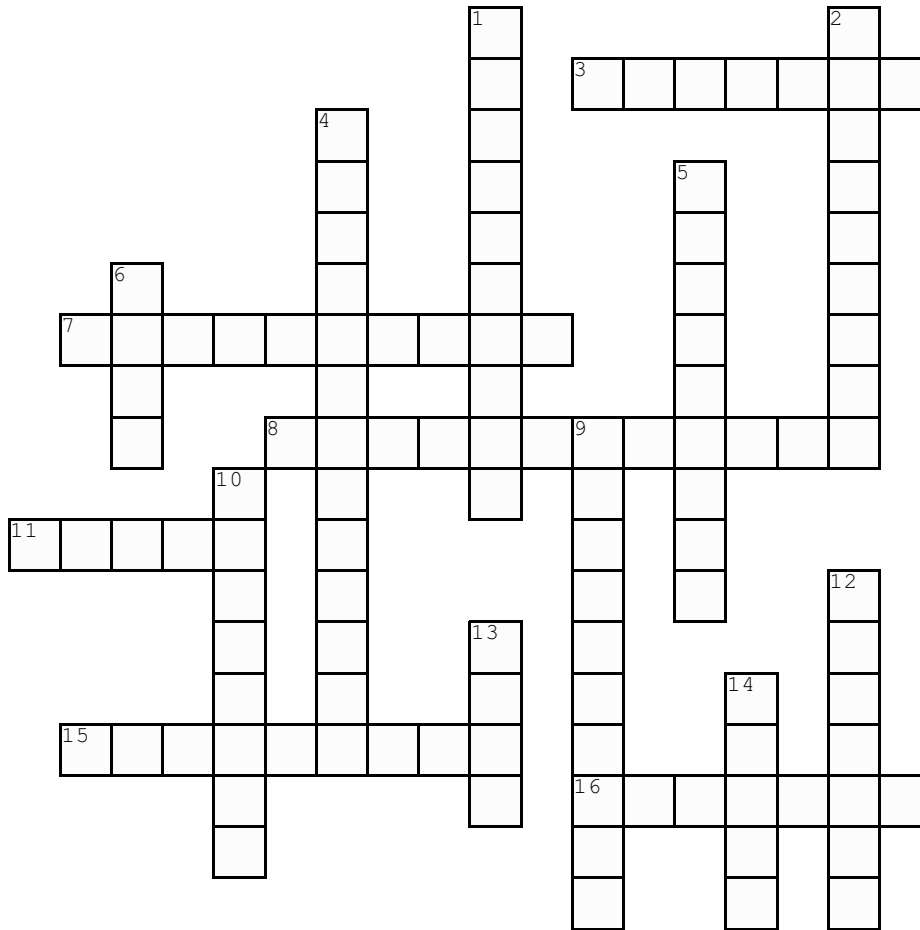


Name: \_\_\_\_\_

# Energy

Instructions: Use the clues below to fill in the missing words of the puzzle. One letter per box!



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## Across

- 3.** Parts of a St. Louis Motor that make electrical contact with the moving commutator by 'brushing' against it
- 7.** Part of a St. Louis Motor that has a split ring, breaking the flow of electricity, thereby keeping the armature spinning
- 8.** Energy sources that will run out.
- 11.** Machine that converts electrical energy into mechanical energy
- 15.** Generation of electric current in a conductor by a changing magnetic field is called electromagnetic
- 16.** A non-renewable energy source that requires the storage of radioactive waste

## Down

- 1.** A renewable energy source that disrupts aquatic ecosystems
- 2.** Energy sources that will not run out.
- 4.** A device made by coiling insulated wire around an iron core and attaching a battery to it.
- 5.** Machine that converts mechanical energy into electrical energy
- 6.** A non-renewable energy source that pollutes the air and causes acid rain
- 9.** The measure of how well a device converts input energy to useful output energy
- 10.** Part of a St. Louis Motor that is made of iron and has a wire coiled around it and spins
- 12.** A renewable energy source from organic waste
- 13.** The most common renewable source of energy in Alberta
- 14.** Unreliable energy source because it is not always 'out'