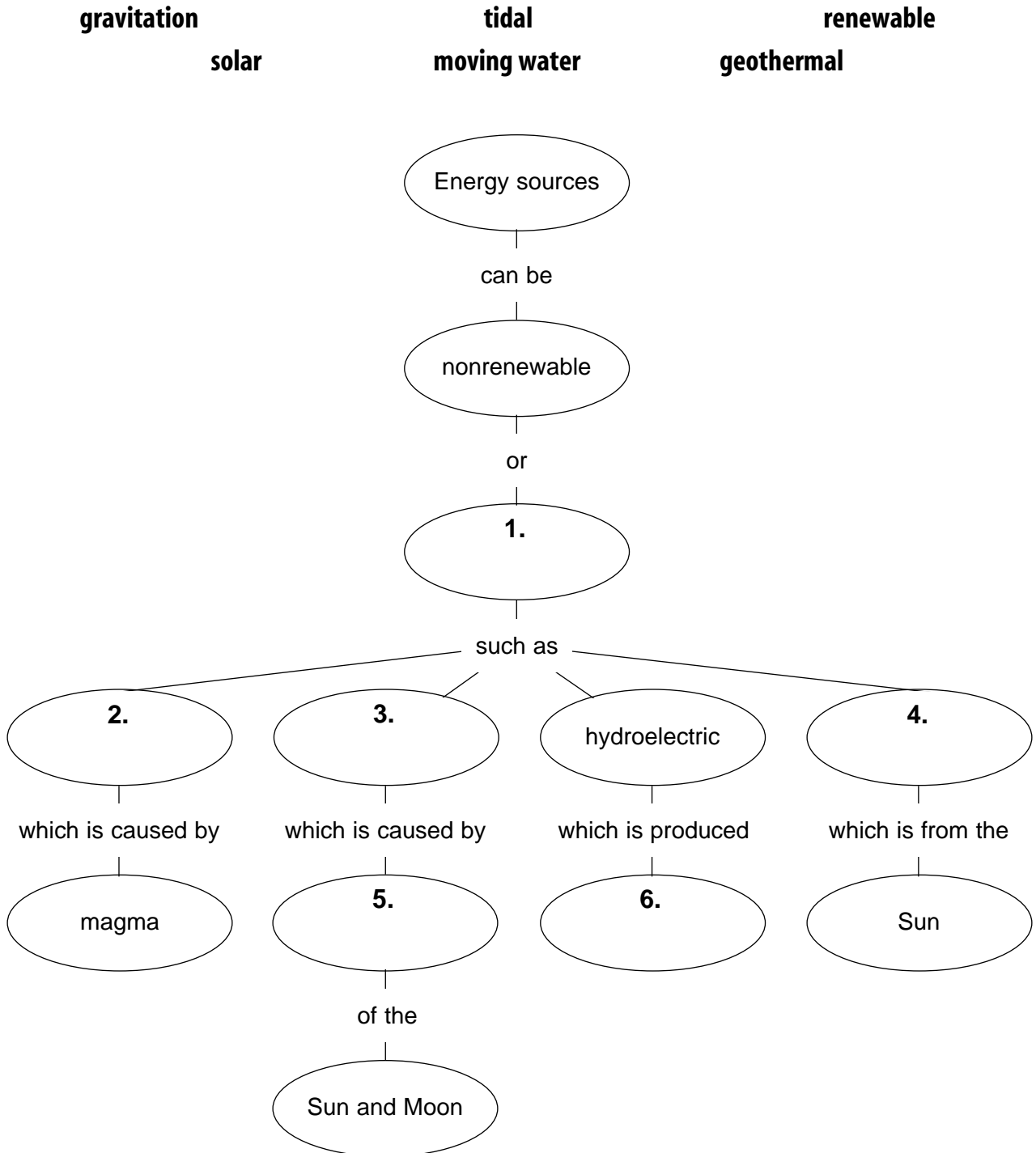


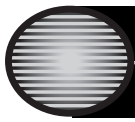


# Overview

## Energy Sources

**Directions:** Complete the concept map using the terms in the list below.





Directed Reading for  
Content Mastery

## Key Terms

### Energy Sources

**Directions:** Match the term in Column I with the definition in Column II by writing the correct letter in the space provided.

#### Column I

- \_\_\_\_\_ 1. fossil fuels
- \_\_\_\_\_ 2. petroleum
- \_\_\_\_\_ 3. nonrenewable resource
- \_\_\_\_\_ 4. nuclear reactor
- \_\_\_\_\_ 5. nuclear waste
- \_\_\_\_\_ 6. renewable resource
- \_\_\_\_\_ 7. photovoltaic cell
- \_\_\_\_\_ 8. hydroelectricity
- \_\_\_\_\_ 9. geothermal energy
- \_\_\_\_\_ 10. biomass
- \_\_\_\_\_ 11. radiant energy
- \_\_\_\_\_ 12. solar cell

#### Column II

- a. uses energy from controlled nuclear reactions to generate electricity
- b. resources that are replaced nearly as quickly as they are used
- c. thermal energy that is contained in hot magma
- d. thick, greenish-brown, highly flammable liquid that contains hydrocarbons
- e. any radioactive by-product that results when radioactive materials are used
- f. electricity produced from the energy of moving water
- g. renewable organic matter that can be used to generate thermal energy
- h. resources that cannot be replaced by natural processes as quickly as they are used
- i. device that is used to convert solar energy into electricity
- j. formed from the decaying remains of ancient plants and animals
- k. another name for a photovoltaic cell
- l. energy from the Sun that can be used to heat homes and provide hot water