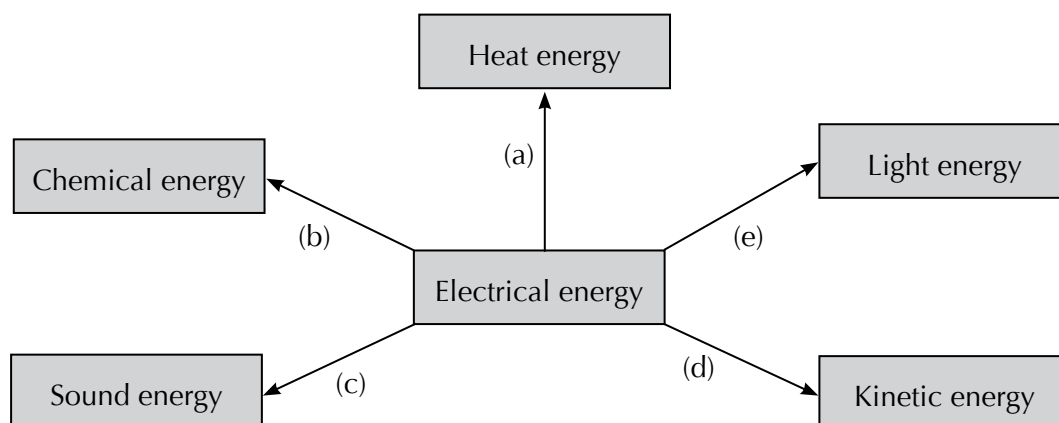


13. Complete the concept map by putting in a suitable device that brings about the energy change in question. [5]



- (a) _____
- (b) _____
- (c) _____
- (d) _____
- (e) _____

14. Gemina knew that when she switched on a light bulb, the light energy she saw was the result of a long chain of events. The events are shown below but are not in the correct order. Can you rearrange them into their correct order? Write only the numbers. [8]

1. Turbines drive generators.
2. Nuclear fission takes place inside the Sun to produce energy.
3. Electrical energy is changed into heat and light energy.
4. Electrical energy is produced from generators.
5. Plants absorb the Sun's energy during photosynthesis.
6. Steam is used to drive the turbines.
7. Coal is formed after millions of years from decayed plants.
8. Coal is burnt in a power station to make steam.

_____ → _____ → _____ → _____ → _____ → _____ → _____ → _____ → _____

 **Link**

For discussion about sources of energy, refer to section 15.3 of **Lower Secondary Science Matters Volume B — (2nd Edition)**.