

# Review ENERGY AND MACHINES

1 How does energy change in these objects? Complete.



a. In a radiator \_\_\_\_\_ energy changes into thermal energy.

b. In a hot-air balloon \_\_\_\_\_ energy changes into mechanical energy.



c. In a lamp electrical energy changes into \_\_\_\_\_ energy.

2 Are they *thermal conductors* or *thermal insulators*? Write.



\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



3 Complete the table with two materials from each group.

electrical insulators	electrical conductors
_____	_____
_____	_____

4 How does electricity reach our homes? Put in order from 1 to 3.



5 What do these things have in common? Write.



• They all produce \_\_\_\_\_ energy.

