

ENERGY AND MACHINES

1 Complete the sentences.

Internet technology connection laptops

- Information _____ is the use of computers to create, look for and exchange information.
- Tablets, smartphones and _____ are all computers.
- The _____ is a worldwide computer network.
- We need an Internet _____ to look for information.

2. Unscramble the words and match.

i h l g t

- a. _____ energy

m a h l i c e c

- b. _____ energy

e a c m n i h l a c

- c. _____ energy



3. What type of energy does it change into? Complete the sentences.



- In A, chemical energy changes into _____ energy.
- In B, electrical energy changes into _____ energy.
- In C, electrical energy changes into _____ energy.



4. How does electricity reach our homes? Circle the correct words.

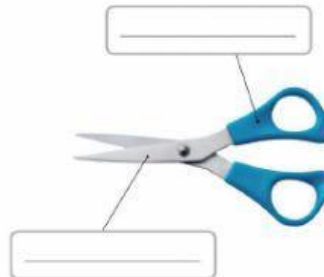
- a. Electricity is produced at power **lines** / **stations**.
- b. Electricity travels along power **sockets** / **lines**.
- c. The power lines are supported by towers called **pylons** / **cables**.
- d. In our homes, we have **thermal** / **electrical** sockets.
- e. Electricity flows through **cables** / **stations** to the sockets.

5. Classify the materials.

wood steel seawater plastic copper glass

electrical conductors	electrical insulators
_____	_____
_____	_____
_____	_____

6. Which parts conduct electricity and which parts are insulators? Write conductor or insulator.



7. Look and choose the odd one out.

thermal
conductors



thermal
insulators

