

Mila university center

English for specific purposes (technical English)

Department of ST

1- Complete the sentences with the correct form of the verb in the box.

Boil freeze melt rise sink stretch

- 1 If you heat water to 100°C, it _____ _
- 2 If you cool water to 0°C, it _____ _
- 3 If a heater warms the air in a room, the air _____ _
- 4 If an air conditioner cools the air in a room, the air _____ _
- 5 If you heat steel bars to 1400°C, they _____ _
- 6 If you pull a copper wire very hard, it _____ _

2- Identify the material from the description. Choose from the words in the box.

aluminium ceramic polycarbonate polystyrene rubber steel

- 1 Sunglasses are made of this material. It's a hard and tough plastic.
- 2 You can stretch this material and you can bend it, but it doesn't break.
- 3 You can heat this material to a high temperature, but it doesn't burn or melt. They use it in spark plugs.
- 4 Parts of aeroplanes are made of this material. It's a strong, light, corrosion-resistant metal.

3- Identify the equipment from the description.

Pump radiator solar panel thermostat

- 1 It converts energy from the Sun into heat or electricity.
- 2 It pushes water around a water supply system, or around a car engine.
- 3 It blows cold air onto a car radiator and cools the water inside it.
- 4 It controls the temperature of water or air in a heating or cooling system.

4- Complete the dialogue with the correct form of the verbs in brackets.

A: *Look at my radio. Do you like it?*

B: Yes, it's great. What (do) that handle (do)?

A: *It (turn) a dynamo. The dynamo (produce) electricity for the radio.*

B: What are those, at the top?

A: *They're solar panels. They (charge) the internal battery on a sunny day.*

B: Can the radio also (use) mains electricity?

A: *Yes, it can. And it also (use) an external batteries.*

B: So your radio (have) four power sources!

A: *That's right.*

5- Match the words with their opposites.

- | | |
|----------|-------------|
| 1 tough | a) soft |
| 2 hard | b) heavy |
| 3 rigid | c) weak |
| 4 strong | d) brittle |
| 5 light | e) flexible |