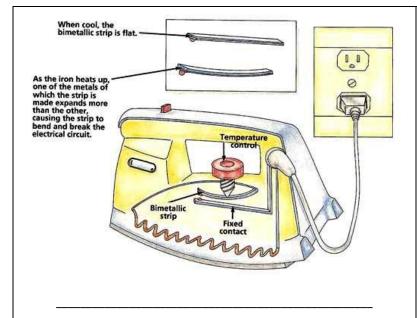
USING THE PRINCIPLE OF EXPANSION & CONTRACTION IN APPLIANCES

	a) It works based on the
\$ 3 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	and of the liquid
	mercury.
constriction bore	b) The in the thermometer responds quickly to
bulb	changes by expanding & contracting uniformly.
Spiral Wound Element Free End Rotating Shaft Free End Attached to Pointer Shaft Fixed End	a) Within it, there is a made of (outer part) and (inner part). b) Heat from hot objects causes to expand more than and the coil turns and moves the c) This type of thermometer is used in and
Clamp Brass Iron Battery	 a) inside the fire alarm and to open and close the circuit. b) It is made of two metals attached together, and c) When the strip is heated, expands more than and the strip curls. d) The strip will curl in opposite direction when it
High temperature Low temperature	as contracts more than

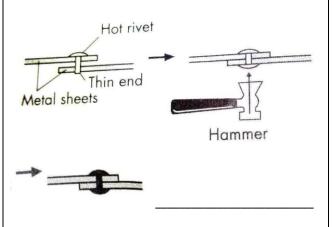


- a) ______ is a device that can control the _____ of an electrical equipment by turning it on or off.
- b) It consists of a

 similar to the one used in fire alarm.



- a) Metal tyre is slightly _____ than the wheel frame.
- b) The tyre is heated so that it ______ and then is fitted onto the wheel frame and left to ______. On cooling, the tyre _____ to its original size and now firmly attached to the wheel.



- a) Metal _____ are used to bind two _____ sheets together. They are heated strongly first before being placed into the _____ in the metal sheets.
- b) While the rivet is still _____, the thin end is hit with a _____
- c) Upon cooling, the rivet contracts and pulls the two metal sheets tightly together.

