Name.....class.....Number.....

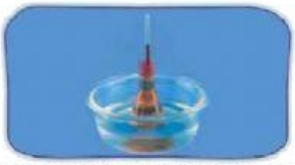
Tick (√ ) the correct word on the condition of materials.
State the effect of heat on material whether it **'expand'** or **'contract'**.



Light the Bunsen burner and heat the metal ball for three minutes.

| gain heat | lose heat |
|---|---|
| | |

**Effect :** _____



Put the conical flask into the glass container filled with hot water

| gain heat | lose heat |
|---|---|
| | |

Effect : _____



. Immerse the plastic bottle into the glass container filled with ice

| gain heat | lose heat |
|---|---|
| | |

Effect : _____



Put the metal ball into the glass container filled with water.

| gain heat | lose heat |
|---|---|
| | |

**Effect :** _____



Put the conical flask into the glass container filled with ice

| gain heat | lose heat |
|---|---|
| | |

Effect : _____



Immerse the plastic bottle into the glass container filled with hot water

| gain heat | lose heat |
|---|---|
| | |

**Effect :** _____

LIVEWORKSHEETS

Choose the correct answers by refering to the situations given.




The air in the drinking bottle____________when it_____________from the hot water. This causes the bottle cap to pop off.




When the ice cubes are put into the glasses, the glasses will_____________ because they _____________. Thus, the overlapping glasses can be separated.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

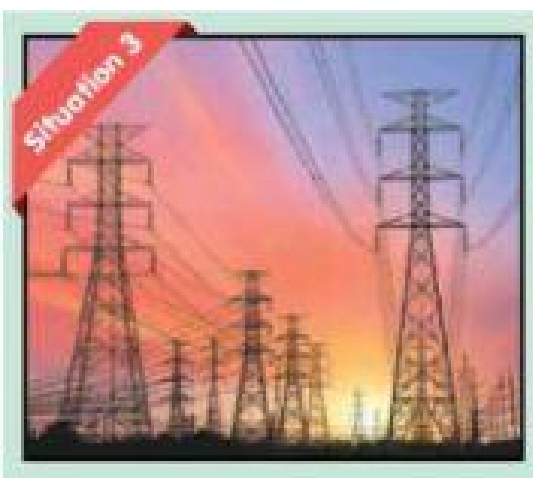



Gaps between connectors on a metal bridge

The gaps between metal connectors on the bridge allow the bridge to__________ when the temperature of the surrounding increases.




The gaps between the connectors on a railway track allow the track to _____________ when the temperature of the surr ounding increases.




The electric cables are hung loosely between the electric poles to allow the wires to________________when the temperature decreases.

LIVEWORKSHEETS