Thermal Expansion and Contraction

slower	faster	farther apart	contract	expand	closer together	cool	thermal energy	warm

Putting a bottle in the freezer causes the air to _____ down. Cooling causes matter to _____ (take up less space), and causes particles to move _____ and move _____. When removed from the freezer, the air in the bottle starts to _____ up and gain _____. Because it is warming, the air will _____ (take up more space). The particles move _____ and move _____. The expanding gas exerts enough pressure on the coin to cause it to rise up on one side.



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