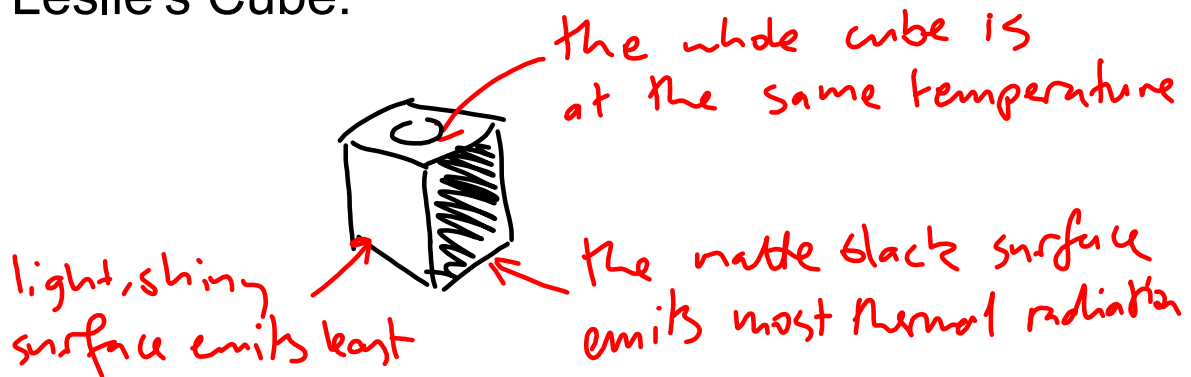
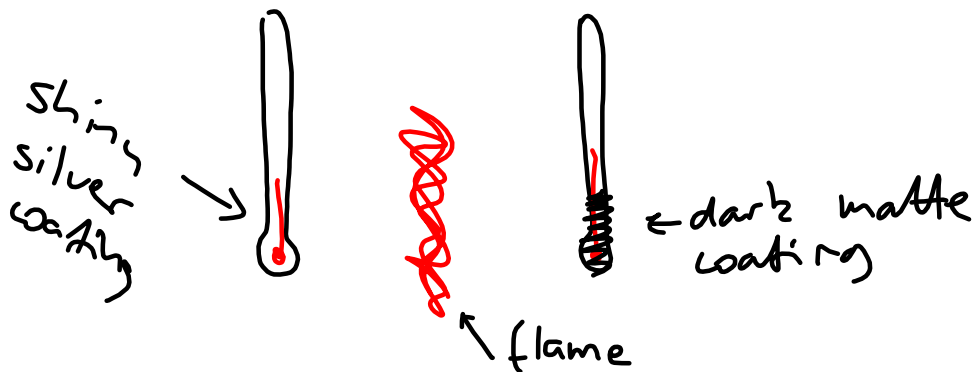


Dark, matte surfaces are the best emitters of thermal radiation. Light, shiny surfaces are the worst emitters. This can be demonstrated with Leslie's Cube:



Dark, matte surfaces are also the best **absorbers** of thermal radiation. Light, shiny surfaces are the worst **absorbers**. This can be demonstrated with two thermometers:



The dark matte thermometer absorbs more thermal radiation from the flame and its temperature rises faster than the shiny silver thermometer.