

Name : _____ Class : _____

9.4 Relationship between types of surface of object, and heat absorption and emission

- The ability of an object to absorb and radiate heat depends on the _____ and _____ of its surface.
- When an object absorbs heat, its temperature _____.
- However, when object radiates heat, its temperature decreases

1. _____ and dull objects:

- a) Absorbs heat better than white, shiny objects
- b) Give out (transmit) heat better than white shiny objects

2. White and _____ objects:

- a) Poor absorber and poor radiator of heat
- b) Reflects heat better than dark and dull object