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 that white shiny objects

2. White and _____objects:
   a) Poor absorber and poor radiator of heat
   b) Reflects heat better than dark and dull object

LIVEWORKSHEETS