Material Magic

Mystery 2: Can you really fry an egg on a hot sidewalk?

End of Mystery Assessment

1. If you had to walk across hot pavement, which material would protect your feet the best? (Circle one)
   - cotton socks
   - styrofoam shoes
   - metal shoes
   - barefoot (no material)

   Why did you choose that material? I chose _______________ because ...

   ____________________________________________________________________________

   ____________________________________________________________________________

2. Why would you need a metal pan to fry an egg on a hot sidewalk?

   You need a metal pan to fry an egg because ____________________________________________________________________________

   ____________________________________________________________________________

3. When you get into a car on a hot day, which would feel hotter, the metal door handle or the cloth seats? Why?

   The ____________________________ would feel hotter because that material is

   ____________________________________________________________________________

   The ____________________________ would feel less hot because that material is

   ____________________________________________________________________________