1.) Assume that you have a system with a regular page size of 4KB and a superpage of 4MB. The TLB has 8 entries. What are the minimum and the maximum achievable values for the “TLB reach” (or “TLB coverage”)?

2.) For the system described in 1.), now assume further that this system only allows superpages to contain read-only content (e.g., instructions in a program). Why would this system have such a restriction?