Problem 1
Stallings, Problem 7.5.

Problem 2
Stallings, Problem 7.10.

Problem 3
Stallings, Problem 8.4.

Problem 4
Stallings, Problem 8.6.

Problem 5
Stallings, Problem 8.15.

Problem 6
If page table entries are 4 bytes each and the page size is 1 KB, how many levels of page tables (in a multilevel page table) would be required to map a 64-bit address space if the top level page table fits into a single page?