x86 Paging

- Paging enabled by bits in a control register %cr0
 (only privileged OS code can manipulate control registers)
- Register %cr3 points to 4KB page directory
 (for Pintos, see pagedir activate() in userprog/pagedir.c)
- Page directory has 1024 PDEs (Page Directory Entries) (see pagination details)
 - Each contains physical address of a page table
 - Each page table has 1024 PTEs (page table entries) and covers 4 MB of virtual memory
 - Each contains physical address of virtual 4K page

x86 Page Translation

