

# Page Table Entries (PTEs)

- The **Modify bit** says whether or not the page has been written (set when the write to a page occurs)
- The **Reference bit** says whether the page has been accessed (set when a read or write to a page occurs)
- The **Valid bit** says whether or not the PTE can be used (checked each time the virtual address is used)
- The **Protection bits** say what operations (read, write, execute) are allowed on page
- The **Physical page number (PPN)** determines the physical page

# Page Lookup

Virtual Address

page	offset
3	128

Page Table

m	r	v	p	ppe
1	1	1	rw	5

Physical Address

page	offset
5	128

Physical Memory

