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- Mapping of a memory location to a cache entry can range from full generality to very restrictive
 - In general, the data portion of a cache block contains several words
- If a memory location can be mapped anywhere in the cache (full generality) we have a *fully associative* cache
- If a memory location can be mapped at a single cache entry (most restrictive) we have a *direct-mapped* cache
- If a memory location can be mapped at one of several cache entries, we have a *set-associative* cache

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CSE378 Intro to caches

15



























