

Home work 2 pre 308

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1. 16340

page size 4KB = 2^{12}

Virtual page number: $2^{14} / 2^{12} = 2^2$

100-0010-0010-0010

2. a) Offset = 64 - 10 - 16 - 22 = 16

Page size = $2^{16} = 64$ KB

b) Total number of pages possible = $2^{10} \cdot 2^{16} \cdot 2^{22} = 2^{48}$

3. a) Page 3

b) Page 1

c) Page 1

d) page 0