

Exam 2 Practice Problems Solution

Problem 1:

- A. 2
- B. 64 B
- C. 16 B

Problem 2:

- A. 18
- B. 2^{51} B or 2 PB
- C. 2^{38} B or 256 GB
- D. 2^{25} B or 32 MB
- E. 2^{12} B or 4 KB
- F. Each added layer means one more memory access to get to the needed PPN, which could significantly impact performance.

Problem 3:

M
M
M
M
H
H
H
H
H
H

Problems 4 & 5:

See "Exam 2 Practice Problems_Solution_Pipelining.xlsx"