

W3. Memory and Storage

1. What is the difference between RAM memory and Secondary storage?

2. What are the three types of secondary storage?

_____ storage

_____ storage

_____ storage

3. Which of the below statements describe an HDD and which describe a RAM memory?
Circle H for HDD and R for RAM.

- It keeps the data even when it doesn't have electricity H | R
- It has a low capacity, but faster reading and writing H | R
- It stores data and programs that are being used now H | R
- It has a large capacity H | R

4. Convert these values (Include the steps on the other side of the paper)

Bit → Byte → Kilobyte → Megabyte → Gigabyte → Terabyte

a) 15 MB = _____ KB

b) 1634 KB = _____ MB

c) 17663 MB = _____ GB

d) 2.2 GB = _____ MB

e) 14453343 bytes = _____ GB

f) 1.5 GB = _____ KB

g) 16 bit = _____ byte

Data Measurement Chart	
Data Measurement	Size
Bit	Single Binary Digit (1 or 0)
Byte	8 bits
Kilobyte (KB)	1,024 Bytes
Megabyte (MB)	1,024 Kilobytes
Gigabyte (GB)	1,024 Megabytes
Terabyte (TB)	1,024 Gigabytes
Petabyte (PB)	1,024 Terabytes
Exabyte (EB)	1,024 Petabytes