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**Q1: Write notes about the types of ROM?**

* mask programmed manufacturing
* programmable read-only memory (PROM)
* Erasable programmable memory (EPROM)
* Electrically Erasable (EEPROM)

**Q2: The main difference between RAM and ROM is ….**

* none of above because : (ROM don't write)

**Q3: The size of Memory is depending on**

* Address lines

**Q4: True or False**

* 1 bit = 8 bytes (**False**)

[1 byte = 8 bits]

* 16-bit word = 4bytes (**False**)

[word =2^k #16-bit word = 2bytes]

* 32-bit words = 4bytes (**True**)
* Ram is able to provide read & write (**True**)
* ROM is programmed and the data is stored based on hexadecimal (**True**)
* Giga =2^20 it's means the number of address lines 20 (**False**)

[Giga =2^30]

* 64k = 2^16 (**False**)

[ address line is 64 = 2^6 & k=2^10 so (2^6\*2^10=16) address line]