1.

Label	Address	Value
a	0x10000020	42
b	0x10000024	???
c	0x10000028	0x61 0x62 0x63 0x64 0x65 0x00 ?? ??
d	0x10000030	1, 2, 3, 4
e	0x10000034	1, 2, 3, 4
f	0x10000044	???

2.

.data

a)
a: .space 4

b)
b: .word 42

c)
c: .space 1

d)
d: .byte 'a'

e)
e: .space 8

f)
f: .space 80

a. t0 stores 0x10010000
b. t0 stores 666
c. 666 = 0x00   00   02   9   A
                000…   0010 1001 1010

Endianness = byte ordering

Big Endian
666 = 0x00 00 02 9A

Little Endian
666 = 0x9A 02 00 00