8.15

(a) Keyboard interrupt is enabled, write 2 to the screen repeatedly.

(b) The character typed is written twice.

(c) The number 2 was written to the screen several times, followed by the digit typed 2 or 3 times, followed by the digit 2 continually.

(d) It depends on when the typed character interrupted the program. If the program was interrupted between the instruction LD R0, B and TRAP x21, it would be typed three times.

9.19

(a) MASK8

(b) HARDDISK

(c) BRnzp END

(d) MASK4

(e) ETHERNET

(f) BRnzp END

(g) MASK2

(h) PRINTER

(i) BRnzp END

(j) CDROM

(k) TRAP x25

10.11

x01F1 - 0x6200

x01F2 - 0x6300

They come from the Interrupt Vector Table.