

Example

Doing an add instruction $2 + (-3) = -1$

j 040002.40 \longleftrightarrow 0 2

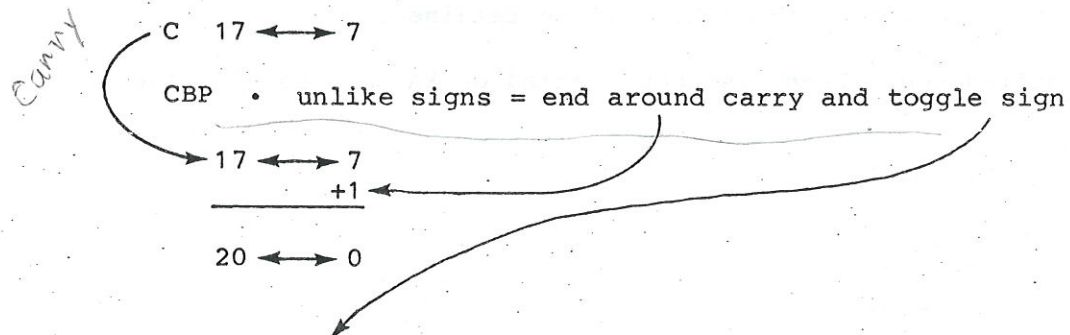
k 140002.60 \longleftrightarrow 0 -3

j is selected as larger, j exponent will be retained

Larger unshifted coefficient is complimented on the FA because you have unlike signs.

j coefficient 37 \longleftrightarrow 7

k coefficient 60 \longleftrightarrow 0



Intermediate answer 140002.20 \longleftrightarrow 0

Normalized answer 140001.40 \longleftrightarrow 0 = Integer -1

If done on integer unit

j 0 \longleftrightarrow 02 2

k 7 \longleftrightarrow 75 -3 in 2's comp.

7 \longleftrightarrow 77

7 \longleftrightarrow 7 \rightarrow 2's comp. = 0 \longleftrightarrow 01