

$$1. A=99, B=23$$

$$A=(99)_{10} = (1100011)_2$$

$$B=(23)_{10} = (10111)_2$$

~~$$A \neq 0, B > 0$$~~

~~$$A_{nk} = 0.110000$$~~

~~$$B_{nk} =$$~~

$$1) A > 0, B > 0$$

$$A_{nk} = 0.1100011$$

$$3U$$

$$\bar{A}3U$$

$$99$$

$$99$$

$$B_{nk} = 0.0010111$$

$$-23$$

$$-23$$

$$C_{nk} = 0.1001100$$

$$76$$

$$76$$

$$CF=0; SF=0; ZF=0; AF=0; PF=0; OF=0$$

$$2) A < 0, B > 0$$

$$A_{nk} = 1.0011101$$

$$3U$$

$$\bar{A}3U$$

$$-99$$

$$157$$

$$B_{nk} = 0.0010111$$

$$+23$$

$$+23$$

$$180$$

$$C_{nk} = 1.0000110$$

$$-122$$

$$C_{nk} = 1.1111010$$

$$CF=0; SF=1; ZF=0; AF=0; PF=0; OF=0$$