

$$(10001011)_2 \rightarrow 2^7 + 2^3 + 2^1 + 2^0 = 128 + 8 + 2 + 1 = (139)_{10}$$

-4

$$(1110100)_2 = 2^5 + 2^4 + 2^3 + 2^2 = 32 + 16 + 8 + 4 = 60$$

-116

-4

$$(0110101)_2 = 2^4 + 2^3 + 2^2 + 2^0 = 16 + 8 + 4 + 1 = 29$$

-117

$$(10001011)_2 = 2^7 + 2^3 + 2^1 + 2^0 = 128 + 8 + 2 + 1 = 139$$

-6

$$14 + 1 + \frac{3}{8} = 15 + \frac{3}{8} = 15.375$$

+6

$$(10001011)_2 \rightarrow (0110101)_2 \rightarrow (0110101)_2 = 2^4 + 2^3 + 2^2 + 2^0 = 29$$

-3.65625

-6

$$= 8 + 4 + 2 + \frac{1}{4} + \frac{1}{8} = 13.125$$

$$18 + \frac{4}{8} = 18.5$$