

# Lab Nasa Format

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$$37.25_{10} \rightarrow 37.25_{10} \times 16 = 2.328125$$

$$.328125 \times 16 = 5.25$$

$$.25 \times 16 = 4.0$$

$$37.25_{10} = 25.4_{16}$$

$$0010\ 0101\ 0100\ 0000 \times 2^6$$

$$0.1001\ 0101\ 0100\ 0000\ 0000\ 0000\ 0000\ 0110$$

$$.4\ A\ 8\ 0\ 0\ 0\ 0\ 6$$

$$0.2 \rightarrow 0.2 \times 16 = 3.2$$

$$.2 \times 16 = 3.2$$

$$0.2_{10} \rightarrow .3_{16}$$

$$\rightarrow 0.\underline{0011}_2$$

$$\rightarrow 0.\underline{1100} \times 2^{-2}$$

0000 0010

1111 1101

1111 1110

0.110, 0110, 0110, 0110, 0110, 0110, 0110, 1111 1110

6 6 6 6 6 6 6 FE