## Quiz 01

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## Am do the ONO:01

AB+ A(B+C) + B(B+C).

= AB + AB + AC + BB + BC. [ Distributive law]

= AB+AB+ AC+B+BC [ B.B = B]

- AB + AC + B + BC [: AB + AB = AB]

= A'B + AC+B [: B+BC=B]

= 13+AC [: AB+B=B]

= B + AC

(Aus).

## Am to the ano: 02.6) (0110110101.001), to (x)16

$$\begin{array}{c} = 0010 \ 1011 \ 0101 \cdot 0010 \\ 2 \ B \ 5 \ 2 \end{array}$$

$$= (2B52)_{16}$$

## (BABA. CACA)16 to (x)2

Ans to the ano: 02(b)

751 1 1 1 0111 0101 0001 343 1 1 1 0011 0100 0011