```
\frac{1}{2} < \frac{1}{2}
              x, y
 \begin{cases} x, y \\ y \\ \{x, y\} \\ y, x \end{cases} = 
  \langle y, x \rangle
 \langle a, b \rangle, \langle c, d \rangle
\langle a, b \rangle = \langle c, d \rangle, a = c, b = d.
 \langle ,z\rangle.

    \langle x, y, z \rangle 

    \langle z \rangle \neq 

    \langle x, \langle y, z \rangle \rangle 

    n

n-\langle x_1,x_2,\ldots,x_n\rangle
 \langle x_1, x_2, x_3 \rangle = \langle \langle x_1, x_2 \rangle, x_3 \rangle, \dots
\langle x_1, \dots, x_{n-1}, x_n \rangle = \langle \langle x_1, \dots, x_{n-1} \rangle, x_n \rangle, \\ \langle x_i, \dots, x_{n-1} \rangle, x_n \rangle,
n\langle x_1, x_2, \ldots, x_n\rangle n
1\langle x_1, x_2, \dots, x_{n-1} \rangle \\ n\langle x_1, x_2, \dots, x_n \rangle =
\langle y_1, y_2, \dots, y_n \rangle
x_1 = y_1 \land x_2 = y_2 \land \dots \land x_n = y_n.
 A, BABAB
\stackrel{A\times}{B}
 A \times B = \{ | x \in A \land y \in B \}.
 A \times B = \emptyset.
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\frac{donc}{je}

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 {\it fore} \ {\it fore}
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ist
I
 do think,
think,
there-
fore
I_{do}
ist
A = \{0, 1\}A \times
 A \times P(A) = \{ \langle 0, \emptyset \rangle, \langle 0, \{0\} \rangle, \langle 0, \{1\} \rangle, \langle 0, \{0, 1\} \rangle, \langle 1, \rangle, \langle 1, \{0\} \rangle, \langle 1, \{1\} \rangle, \langle 1, \{0, 1\} \rangle \}
 A = \{ \spadesuit, , \clubsuit, \}, B = \{ \bullet, , \bullet, \}
  \{Ace, King, Queen, Jack, 10, 9, 8, 7, 6, 5, 4, 3, 2\}
```