

## 1 Grouping in multi-relations

$$a = b = c = d = e$$

$$a = b, c = d$$

$$a = b, c, d, e$$

$$a = b, c, d = e$$

$$a = b > c \leq d = e$$

But period is somewhat different!

$$a = b, c.d = e$$

$$a = b.c, d = e$$

## 2 Arrows as meta-relation

$$a = b \rightarrow c \leq d = e$$

$$a = b, c \rightarrow d = e$$

$$a = b \leftrightarrow c \leq d = e$$

$$a = b, c \leftrightarrow d = e$$

## 3 Other Meta relations

$$a(< e)$$

$$a; (< e)$$

$$a = b + c + d(< e)$$

$$a = b + c + d \pmod e$$