transaction of relations:

In a none finite sets, we list three different ways of picturing a

A coordinate diagram

Represent the elements of A as points on some horizontal axis, and the element of B as points on some vertical axis, the elements of AXB are then represent by points of intersection of the vertical lines through the points of A and the horizontal lines through the points of B.

Example:

Let $A = \{1,2,3\}$, the relation R on A such that: $aRb \leftrightarrow a > b; a,b \in A$ $R = \{(2,1),(3,1),(3,2)\}$

