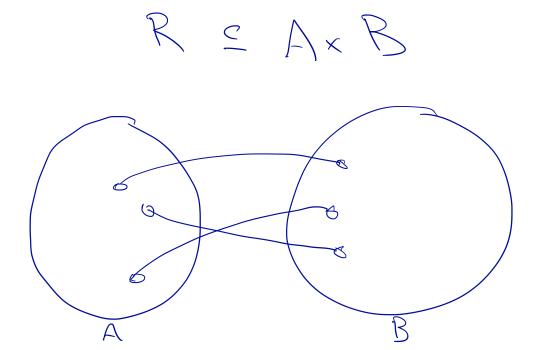
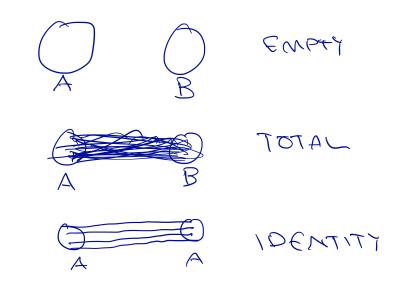
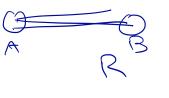
x,y,z ∈ Var n,m ∈ lat Z e Exp e(::=) x \ n \ e, + e2 \ e, * e2 \ x & e, ; e2 $x = y_i = z$

$$X := (y := 5; 2); x$$









COMPOSITION

R ., S

 $\forall \sigma, \langle \sigma, 21 + 2 \rangle \rightarrow \langle \sigma, 42 \rangle$ $(\sigma, 2)*(1+1) \rightarrow (\sigma, 2)*2$ $(0, (1+1)*(1+1)) \rightarrow (0, 2*(1+1))$ $\left\langle \left\{ \left(\times, H \right) \right\}, \times \right\rangle \rightarrow \left\langle \left\{ \left(\times, H \right) \right\}, H \right\rangle$ $\left\langle \left\{ \left(\times, H \right) \right\}, \times \right\rangle \rightarrow \left\langle \left\{ \left(\times, 2 \right) \right\}, 2 \right| * \times \right\rangle$ $\left\langle \left\{ \left(\times, H \right) \right\}, \times \right\rangle \rightarrow \left\langle \left\{ \left(\times, 2 \right) \right\}, 2 \right| * \times \right\rangle$ $\left\langle \left\{ \left(\times, H \right) \right\}, \times \right\rangle \rightarrow \left\langle \left\{ \left(\times, 2 \right) \right\}, 2 \right| * \times \right\rangle$ → (" , 2(* 2> → (" , 42 >

$$\langle \{(s,4)\}, x := s+2; x \rangle$$

 $\rightarrow \langle \{(s,4)\}, x := 4+2; x \rangle$