```
2b:
X(x1, x2)
Z(x1,z1)
  x1 \rightarrow X.x1
Y(y1, z)
  z \rightarrow Z.x1
Rxy(x,y,z,xy1)
  x \rightarrow X.x1
  (y,z) -> Y.(y1,z)
Rzz(xa, xb)
  xa \rightarrow Z.x1
  xb \rightarrow Z.x1
2c-b:
Recipes (name, instructions)
OvenRecipes (name, time, temperature)
  name -> Recipes.name
Components (cname, recipe)
  recipe -> Recipes.name
Ingredients(name, unit)
Contains(comp, recipe, ingredient, amount)
  ingredient -> Ingredients.name
  (comp, recipe) -> Components.(cname, recipe)
ConvertsTo(ifrom, ito, factor)
  ifrom -> Ingredients.name
  ito -> Ingredients.name
```

```
Bonus, most of the example recipe encoded in this
design:
Recipes
("Cinamon Buns", "Crumble the yeast...")
OvenRecipes
("Cinamon Buns", 6, 220)
Components
("Main ingredients", "Cinamon Buns")
("Filling", "Cinamon Buns")
("Glaze", "Cinamon Buns")
Ingredients
("yeast", "g")
("sugar", "g")
("milk", "dl")
("egg", "x")
("butter", "g")
Contains
("Main ingredients", "Cinamon Buns", "yeast", 35)
("Main ingredients", "Cinamon Buns", "sugar", 100)
("Main ingredients", "Cinamon Buns", "butter", 120)
("Filling", "Cinamon Buns", "butter", 100)
ConvertsTo:
(sugar, honey, 0.75)
```