Arrows are enumerated by their heads.

All tube w-diagrams: \(
\{ y_1, \ldots, y_{n+1} \}
\)

All torus w-diagrams: \(
\{ z_1, \ldots, z_{m+1} \} / \text{rel.}
\)

Need to implement: All Tube Diagrams, Rotate Left, Rotate To Minimal, All Torus Diagrams

Remove R1, Remove R15, Remove R2, Remove R125, RF,

All Reduced Torus Diagrams

All R3 Relators, Rel OF.

\[ \text{FindClasses } \left[ \{ L, \{ i_1 \mapsto i_1, i_2 \mapsto i_2, \ldots \} \right] \]

\text{should return: } L : \text{object count.}

1. A list of "simpler forms" \( \{ s_1, s_2, \ldots, s_n \} \)

   where \( s_i = 0 \) means "object \( i \) does not reduce".

2. \]