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Exercise 5.2.3: Suppose that we have a production $A \to BCD$. Each of the four nonterminals A, B, C, and D have two attributes: s is a synthesized attribute, and i is an inherited attribute. For each of the sets of rules below, tell whether (i) the rules are consistent with an S-attributed definition (ii) the rules are consistent with an L-attributed definition, and (iii) whether the rules are consistent with any evaluation order at all?

   a) $A.s = B.i + C.s$.

   b) $A.s = B.i + C.s$ and $D.i = A.i + B.s$.

   c) $A.s = B.s + D.s$.

a) **A.s = B.i + C.s**
   i) No
   ii) Sí
   iii) Sí
b) **A.s = B.i + C.s and D.i = A.i + B.s**
   i) No
   ii) Sí
   iii) No
c) **A.s = B.s + D.s**
   i) Sí
   ii) No
   iii) Sí