Dependency	Possible (Yes/No)	Why/why not?
A -> B	No	A can give two different values of B A1 = b1, b2
A -> C	No	A can give two different values of C A1 = c1, c3
A -> D	No	A can give two different values of D A1 = d3, d2
B -> A	No	B can give two different values of A B2 = a1, a2
B -> C	Yes	Every C has a different B B1 = c1, b2 = c3, b3 = c5
B -> D	No	B can give two different values of D B2 = d2, d4
C -> A	No	C can give two different values of A. C3 = a1, a2
C -> B	Yes	Every C value has a different B value. C1 = b1, b2 = c3, b3=c5
C -> D	No	C can give two different values of D C3=d2, d4
{A, B} -> C	Yes	A combination of an A and B values can produce the same C A1+b2=c3, a2+b2=c3
{A, B} -> D	Yes	A combination of an A and B values can produce the same D A2+b2=d4, a3+b3=d4
{B, C} -> A	No	The same combinations of B and C can produce different A values. B2+c3=a1, b2+c3=a2
{B, C} -> D	No	The same combinations of B and C can produce different D values. B2+c3=d2, b2+c3=d4
{C, D} -> A	Yes	A combination of an C and D values can produce the same A. A2+b2=d4, a3+b3=d4
{C, D} -> B	Yes	A combination of C and D values can produce the same B value. C3+d2=b2, c3+d4=b2

{A, C} -> B	Yes	A combination of A and C values can produce the same B value. A1+c3=b2 A2+c3=b2
{A, C} -> D	Yes	A combination of A and C values can produce the same D value. A2+c3 = d4 A3+c5=d4