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POSET order relation defined on it is called POSET. Hane Diagram: a poset is called Hane diagram. Bran Hane diagram for (P(A), E) where 1) A= fa, b} (2) A= fa, b, c} Som (1) $A = \{a, b\}$





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P(A) = f {a3, fb}, fa, b3, f \$ 39 ga, b' A= {-9,b,c} P(A) = { fa}, fb}, fe}, fe}, fa, by Sb, cg, da, cg, da, b, cg,

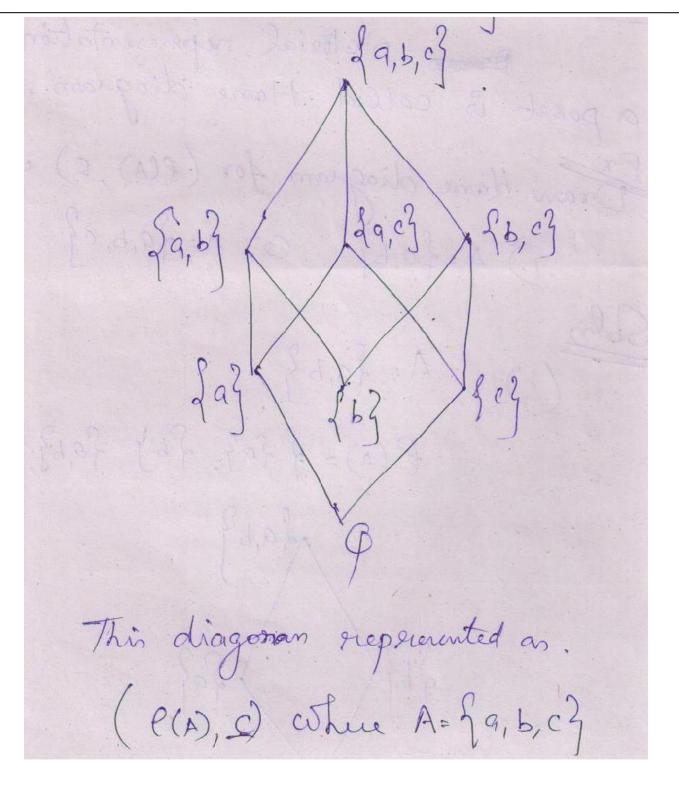
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If X = J 2, 2, b, 12, 24, 36 g and the relation R defined on X by R= {<a,b> / a/b}. Draw Hane diagram for (X,R) Som The relation R= g <2,6>, <2,12>, <2,24>, <2,36> <3,67, <3,12), <3,24), <3,36) 26,127, 26,247, 26,367, <12,24>, <12,36>}





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