WHAMblades Cardin Garden Direct Product of Groups
Def: Let 18 18 (6, *), (H, D) be two gps. We define the cortesian (or direct) product of G and H to be the grap (6xH, D), where
GrH= E(g,N): gFG, hEH3 and A is defined by
$(a,b) \wedge (c,d) = (a*b,b \nabla d)$
Exemples: Good Duke way to make abolion yps:
Examples: Good Deter way to make abolion yps:  1. RM = RxRx-rR is the Cartesian product of R with itself  1. RM = FxRx-rR is the Cartesian product of R with itself
2. ZXZ = 9(ab) abEZ4, (ab) + (cd) = (a+c, b+d)
3. Zx4/52, (10) has infinite order (1) has infinite order
4. 2/12 x3/2 (2,7) - has order 2
(5,7) + (5,7)= 19,51= 10,0)

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