Theorem. There are precisely 17 patterns with which to tile the plane, no more, no less. They are all made of combinations of the 10 basic features, 2, 3, 4, 6, 2̸, 3̸, 4̸, 6̸, M, and G, as follows:

✓	Dror's	Conway's	crystallo -graphic	✓	Dror's	Conway's	crystallo -graphic
	2222	2222	p2		**33̸**	3*3	p31m
	333	333	p3		**2̸2̸2**	2*22	cmm
	442	442	p4		**22M**	22*	pmg
	632	632	p6		**MM**	**	pm
	2̸2̸2̸2̸	*2222	pmm		**MG**	*o	cm
	3̸3̸3̸	*333	p3m1		**GG**	oo	pg
	4̸4̸2̸	*442	p4m		**22G**	22o	pgg
	6̸3̸2̸	*632	p6m		**∅**	0	p1
	4̸2̸	4*2	p4g				