

n	total	unique	multiple
$m = 2$			
2	16	14/14	2/2
3	512	230/230	282/282
4	65536	6902/6902	58541/58634*
$m = 3$			
2	16	16/16	0/0
3	512	496/496	16/16
4	65536	54272/54272	10813/11264*
$m = 4$			
2	16	16/16	0/0
3	512	512/512	0/0
4	65536	65024/65024	512/512