mod 3	≡ 2	≡ 0	≡ 1
≡ 2		(5, 6, 5) (2, 0, 2)	(5, 7, 5) (2, 1, 2)
≡ 0	(6, 5, 5) (0, 2, 2)		(6, 7, 5) (0, 1, 2)
≡ 1	(7, 5, 5) (1, 2, 2)	(7, 6, 5) (1, 0, 2)	(7, 7, 5) (1, 1, 2)