

Case		
(mod 2)	(mod 3)	Possible values of d
A	a	3-6,8,10,12,24
	b	3-6,8,10,12,20,32
	c,d	3-6,10,16
B	a	3-6,8,10,12,18,162
	b	3-8,10,12,14,26
	c,d	3-7,10,82
C	a	3-6,9,81
	b	3-7,11,17
	c	3-7,9,11,13,25
	d	3-7,13