

		Result in mod 9								
		0	1	2	3	4	5	6	7	8
Result in mod 7	0	0	28	56	21		14		7	
	1	36	1					15		8
	2	9		2					16	
	3		10		3					17
	4	18		11		4				
	5				12		5			
	6	27				13		6		

$$\begin{array}{r}
 3 \times 28 = 84 \\
 \underline{-63} \\
 21 \\
 \underline{+28} \\
 49
 \end{array}$$

~~$x = 1, 2, 4$~~

$x \pmod 9 = 1, 4, 7$

$y \pmod 7 = 1, 2, 4$