

Group Work : DA for $n=3 \dots$ in action. (2 parts)

(1) Fill in below chart by writing a as $a = 3q + r$ with $q, r \in \mathbb{Z}$ and $0 \leq r < 3$.

order to do	a	r	$a = 3q + r$
15	-6		
14	-5		
13	-4		
12	-3		
11	-2		
10	-1		
1 st	0	0	$0 = 3(0) + 0$
2 nd	1	1	$1 = 3(0) + 1$
3 rd	2	2	$2 = 3(0) + 2$
4	3		
5	4		
6	5		
7	6		
8	7		
9	8		

continued 

