

1	2	0	$1024 \% 2 = 0$	$N = 1024 / 2$
		1	$512 \% 2 = 0$	$N = 512 / 2$
		2	$256 \% 2 = 0$	$N = 256 / 2$
		3	$128 \% 2 = 0$	$N = 128 / 2$
		4	$64 \% 2 = 0$	$N = 64 / 2$
		5	$32 \% 2 = 0$	$N = 32 / 2$
		6	$16 \% 2 = 0$	$N = 16 / 2$
		7	$8 \% 2 = 0$	$N = 8 / 2$
		8	$4 \% 2 = 0$	$N = 4 / 2$
		9	$2 \% 2 = 0$	$N = 2 / 2$