

n	2^n	Other
0	1	8^0 and 16^0
1	2	
2	4	
3	8	
4	16	16^1
5	32	
6	64	
7	128	
8	256	16^2
9	512	
10	1024	
11	2048	
12	4096	16^3
13	8092	
14	16,384	
15	32,768	
16	65,536	16^4
17	131,082	
18	262,144	
19	524,288	
20	1,048,576	16^5 1 Megabyte

The counting in hex and binary is going to be on the exam itself

Multiplication	Result
$16 \cdot 0$	0
$16 \cdot 1$	16
$16 \cdot 2$	32
$16 \cdot 3$	48
$16 \cdot 4$	64
$16 \cdot 5$	80
$16 \cdot 6$	96
$16 \cdot 7$	112
$16 \cdot 8$	128
$16 \cdot 9$	144
$16 \cdot 10(a)$	160
$16 \cdot 11(b)$	176
$16 \cdot 12(c)$	192
$16 \cdot 13(d)$	208
$16 \cdot 14(e)$	224
$16 \cdot 15(f)$	240
$16 \cdot 16$	256

x86_64 Registers Map

