Problem 45. (6 points):

The following table gives the parameters for a number of different caches, where m is the number of physical address bits, C is the cache size (number of data bytes), B is the block size in bytes, and E is the number of lines per set. For each cache, determine the number of cache sets (S), tag bits (t), set index bits (s), and block offset bits (b).

Cache	m	C	B	E	S	t	s	b
1.	32	1024	4	4				
2.	32	1024	4	256				
3.	32	1024	8	1				
4.	32	1024	8	128				
5.	32	1024	32	1				
6.	32	1024	32	4				