Data Representation & Compression

1. Complete the table below, giving denary, binary and hexadecimal representations for the remaining characters. (12)

	ASCII Code		
Character	**Denary**	**Binary**	**Hexadecimal**
H	72	01001000	48
I			
J			
K			
L			

2. How many different characters can be represented in standard ASCII? (1)

3. Describe the difference between lossy and lossless compression. (2)

4. Give an example of lossless compression. (1)

5. Give an example of lossy compression. (1)