Data Representation: Floating Point Representation

1.	In floating point notation what defines		
	a)	the range	
		Exponent	
	b)	the precision or accuracy?	
		Mantissa	
2.		ting point representation, what will be the effect of increasing the number of bit o store the exponent ?	:S
		Increasing exponent = increased range	
3.	What	will be the effect of increasing the number of bits used to store the mantissa ?	
		Increasing mantissa = increased precision	
4.	to the	storing a 32-bit <i>floating point number</i> , 24 bits are allocated to the mantissa and exponent. What is the effect on the precision and the range of the numbers ole if the allocation is changed to a 16-bit exponent and a 16-bit mantissa ?	8
		Exponent reduced to 16bits so decreased range Mantissa increased to 16bits so increased precision/accuracy.	