Floating Point Addition

	X:	_ + Y:	
X:		Y:	
Step 1: Extract the exponent and value			
Sign _x :		Sign _Y :	_
Exp _X :		Exp _Y :	
Val _x :	*	Val _Y :	**
2's Val _x :	_*	2's Val _Y :	*
Step 2: Equalize the expo	onents		X: or Y:
Shift Direction:			X: or Y:
New Val_:	*		X: or Y:
Step 3: Integer addition Val _x :	*		
Val _Y :	*		
Val _R :	*		
Step 4: 2's comp to sign-			Sign_:
	_*		Sign _R :
Step 5: Normalize the re Exp _R :	sult 		Sign _R :
Mag _R :	*		
Norm Mag _R :	*		
Norm Exp _R :			
Step 6: Reassemble com	ponents		
Exp _R :	_		
Mag _R :	*		
Answer:			