SET G

TRANSACTION	ITEMS
T1	G, C, B, F, E
T2	F, B, D, Ad
T3	F, B, C, D, A
T4	E, B, A, G
T5	A, E, C, B, F, G
T6	B, A, G, E, C, F, D
T7	C, F, B, D
T8	G, F, A, E, D, B, C
T9	A, E, F, B
T10	G, C, D, A, B
T11	F, B, A, G
T12	C, B, A, G, E
T13	E, G, A, F, C, B
T14	F, E, B, A, G, D
T15	G, F, E, C, D, B, A

Answer the following, write the correct answer on your paper:

For uniformity, all initial calculations and final answers should be in two decimal places, not rounded.

1. What is the support for itemset {C, E, A}

2. What is the support for itemset {F, G, A}

3. What is the lift for itemset {A, D} → F

4. What is the lift for itemset (G, B, E} → D

5. What is the confidence for itemset {C, A, F} → E

6. to 10. Given the transactions above construct the final FP-Tree with counters. If there is a tie in frequencies, alphabetical order will prevail.