

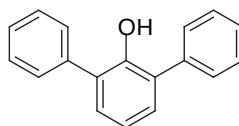
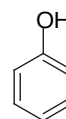
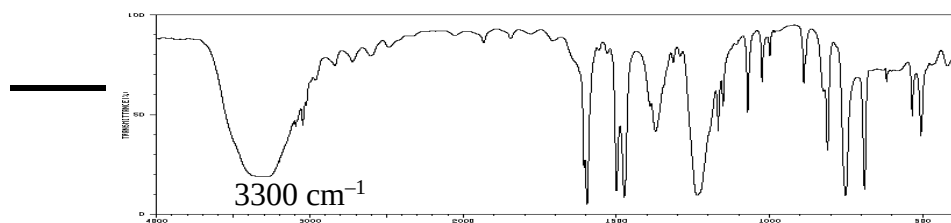
Chem 331, PS #8

due Mon, Nov 11, 2002

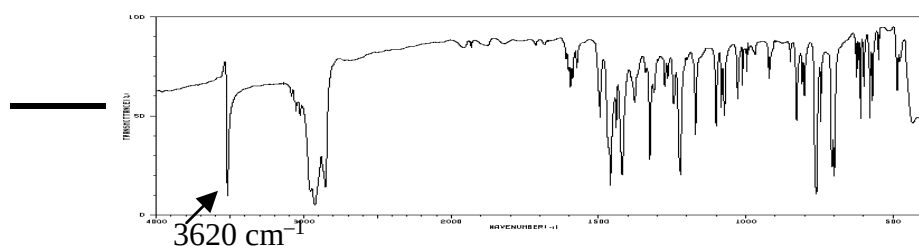
use extra paper (use a staple or paper clip)

Name _____

1. Match each compound with its IR spectrum.

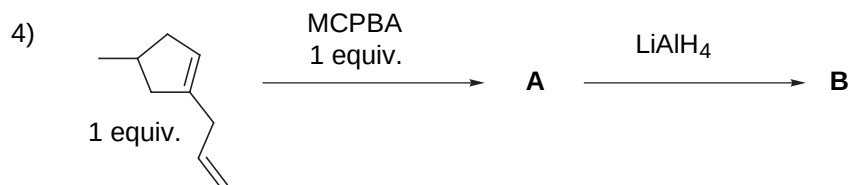
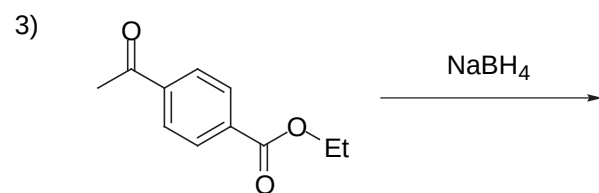
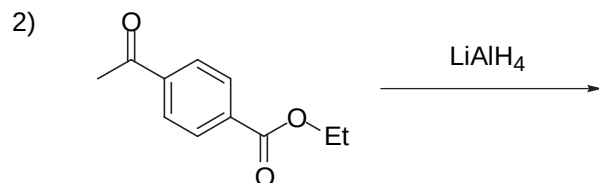

A

B


3093	42	2606	77	1631	77	1236	9	826	68
3047	43	2487	81	1500	11	1168	41	812	31
3023	52	1934	81	1475	8	1153	52	753	9
2963	64	1846	84	1391	52	1072	49	690	12
2847	72	1606	22	1373	39	1024	64	618	64
2837	72	1598	4	1315	72	999	77	535	47
2723	74	1567	79	1293	77	888	64	607	38



3619	9	2856	19	1378	66	1083	62	707	23
3084	57	1596	62	1327	26	1072	47	700	18
3054	50	1495	47	1312	58	1027	57	611	46
3026	47	1467	32	1245	63	828	48	680	47
2955	11	1460	14	1222	19	801	58	570	55
2925	4	1441	42	1171	38	761	10	487	60
2869	21	1421	19	1101	43	746	44	434	44

2-4. Draw the structure of the products



5) Propose a multistep synthesis

