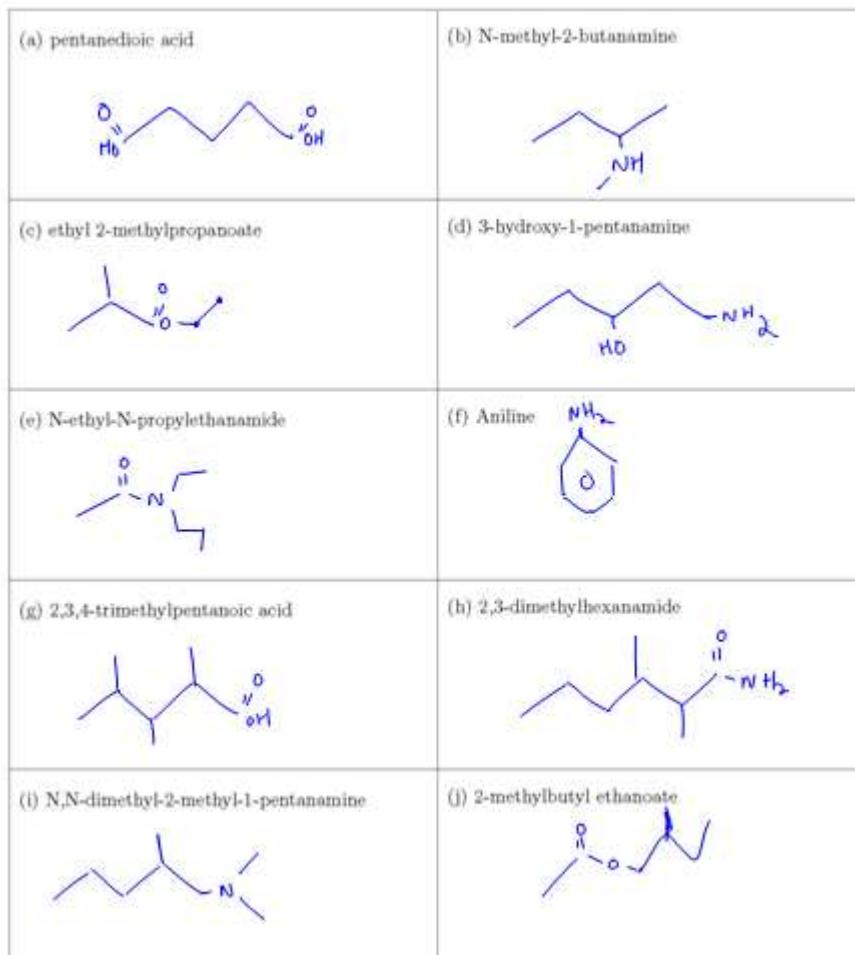
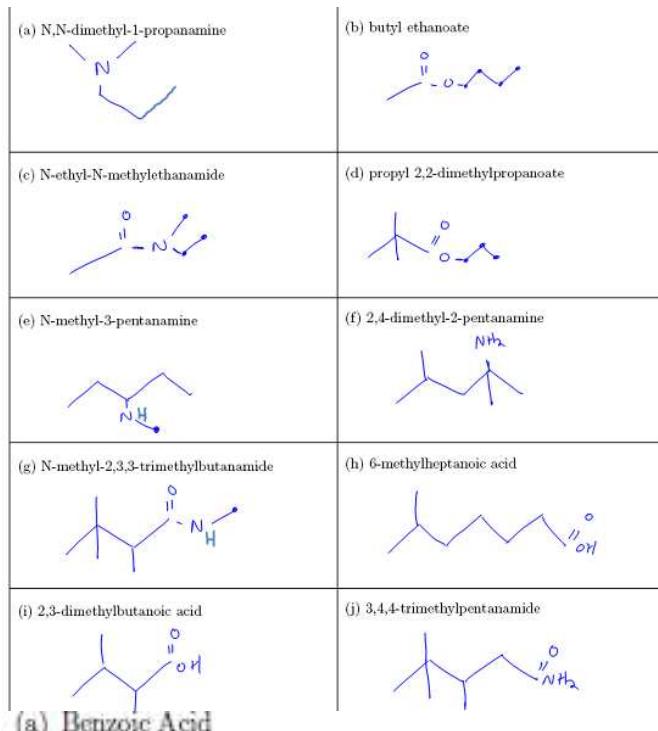
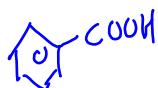


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|--|--|
| 1. 3,3,4-trimethylpentanoic acid       | 6. N-ethyl-N-methyl-2-methyl-1-propanamine |
| 2. 2,3-dimethyl-1-hexanamine           | 7. N-ethyl-N-methyl-3-methylbutanamide     |
| 3. 2-ethyl-3,3-dimethylbutanamide      | 8. 3-methyl-4-heptanamine                  |
| 4. 2-butyl butanoate                   | 9. Ethyl 2-methylbutanoate                 |
| 5. N,N-dimethyl-2-methylpropanamide    | 10. 3-ethylpentanamide                     |
| 6. Propyl 2,2-dimethylpropanoate       |  |
| 7. benzoic_acid                        | 1. 2-heptanamine                           |
| 8. N-methyl-3,4-dimethyl-2-pentanamine | 2. 3-methylbutanamide                      |
| 9. 3-hexeneoic acid                    | 3. 4-methylpentanoic acid                  |
| 10. N-butyl-N-methylethanamide         | 4. 1,3-butanediamine                       |
|  | 5. Ethyl butanoate                         |
| 1. 2,2-dimethylbutanoic acid           | 6. Hexanoic acid                           |
| 2. N-ethyl-2-pentanamine               | 7. N,N-dimethyl-3-heptanamine              |
| 3. N-ethylethanamide                   | 8. N-ethylpentanamide                      |
| 4. 2,2-dimethylbutyl ethanoate         | 9. N-methyl-2-ethyl-1-pentanamine          |
| 5. 2-methyl-4-hexenoic acid            | 10. Pentyl propanoate                      |





(a) Benzoic Acid



(f) N-methyl-2-butanamine



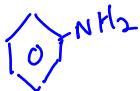
(b) Diethyldimethylammonium chloride



(g) N-ethyl-N-methylpropanamide



(c) Aniline



(h) Cyclopentanoic acid



(d) Pentanedioic acid



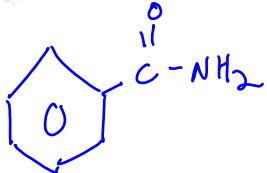
(i) Methyl butanoate



(e) Sodium ethanoate



(j) Benzamide



Fill in the class of compound for each missing product(s) or reactant(s). If no reaction occurs place a NR in the blank.

