Name: _____

AMINES AND AMIDES

1. Name the following.

1. Name the following.	T
N.	H N O
N,N-di-n-propylaminocyclohexane	N-phenylethanamide
NH	CI N O N,N-dimethyl-4-chloropentanamide
N-isopropyl-3-aminohexane	
O N H	O N
N-cyclopentylbenzamide	N,N-dimethylheptanamide
OH O NH	N
N-isopropylpentan-4-ol-2-one	N-ethyl-N-n-pentylaminocyclohexane
Cl	ONH
N-chloro-N-methyl-4-aminoheptane	N-methylcyclopentylmethanamide
O H	O N Br
N-phenylpropanamide	N-bromo-N-cyclopentylcyclopentylethanamide
	(no number needed for cyclopentyl as it can only gho on that carbon)

2. Draw the following.

N-ethyl-N-phenylpropanamide	N-chloro-pent-2-ynamide
O N	CINH
cis-N-diethyl-3-amino-2-fluoro-2-heptene	N-phenyl-2-aminopentane
F N	HN
N-methyl-3-hydroxyhexanamide O HO NH	N-ethyl-N-n-propyl-3-amino-1-heptene
N-phenylbenzamide O NH	diphenylamine NH
N-cyclobutyl-N-methylpropanamide O N-cyclobutyl-N-methylpropanamide	trans-N-methylpent-2-enamide NH O
cis-N-isopropyl-1-amino-2-pentene NH	trans-N-chloro-N-ethylhex-2-enamide CI N O