Functional Groups Practice 1: Categorize each according to its functional group.

1	2	3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	CI	H H C = C H double bond
4	5	6
H H H O H-C-C-C-C-H H H H H	H H-C≣C-C-H H	H_3C CH_3
7	8	9
H H H H H—C—C—C—H H H H H	H H 	H O II
10	11	12
OH	c=c-c=c-c	CH3-CH2-C O-CH3
13	14	15
	H H H H—C—C—C—H H OH H	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

15.5	16	17
CH₃CH₂Br	0	H ₃ C I
18	19	20
H H H H-C-C-C-C ^O O-H	он н ₃ с-сн-сн ₂ -сн ₃	H—C—C H—H
21	22	23
$\begin{array}{ccc} H & H \\ \downarrow & \downarrow \\ H - C - C - OH \\ \downarrow & \downarrow \\ H & H \end{array}$	$O \downarrow NH_2$	CH3-CH2-C O-CH3
24	25	26
H H H H H H H H H H H H H H H H H H H	OH CH ₃	H H H H C = C - C - H H
27 H C C C C C H H H H H C H H H H C H H H	28 O H H C H H H	29 CH ₃ —CH—CH ₂ —CH—CH ₂ —CH ₃ CH ₃ CH ₃ CH ₃