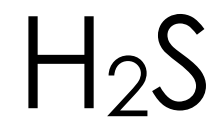


RED

#1
SORT BY:
IONIC, COVALENT
OR METALLIC



K

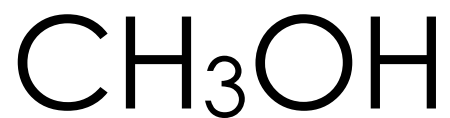
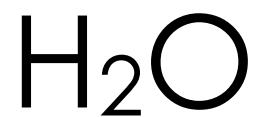


Re



ORANGE

#2
SORT BY:
POLAR OR
NON-POLAR



YELLOW

<p>#3 SORT BY: "DOMINANT" IMF PRESENT: DIPOLE-DIPOLE OR LONDON FORCES</p>	<p>SiF_4</p>	<p>SO</p>
<p>CO_2</p>	<p>H_2O</p>	<p>N_2</p>
<p>CH_3OH</p>	<p>NH_3</p>	<p>C_2H_6</p>

<p>#4 SORT BY: HYDROGEN BONDING OR NO HYDROGEN BONDING</p>	C_2H_6	CH_3NH_2
$NaOH$	KBr	HF
H_2O	CH_3CH_2OH	$CH_3CH_2CH_3$

<p>#5 SORT BY: DIPOLE-DIPOLE OR HYDROGEN BONDING</p>	<p>CH_3SH</p>	<p>H_2S</p>
<p>HF</p>	<p>H_2O</p>	<p>HBr</p>
<p>$(\text{CH}_3)(\text{CO})(\text{CH}_3)$</p>	<p>N_2H_2</p>	<p>CH_3OH</p>

<p>#6 SORT BY: "DOMINANT" IMF PRESENT – LONDON, DIPOLE-DIPOLE, OR HYDROGEN BONDING</p>	H_2S	N_2H_2
H_2O	CH_4	N_2
CO_2	CH_3F	CH_3OH

PURPLE

<p>#7 RANK FROM: LOWEST TO HIGHEST EXPECTED BOILING POINT</p>	<p>O_2</p>	<p>CO</p>
	<p>SiH_3OH</p>	<p>KF</p>
<p>Diamond</p>		

PINK

<p>#8 RANK FROM: LOWEST TO HIGHEST EXPECTED BOILING POINT</p>	<p>N_2</p>	<p>H_2</p>
<p>CO_2</p>	<p>F_2</p>	<p>O_2</p>
<p>CH_4</p>	<p>I_2</p>	<p>Br_2</p>

WHITE

IONIC

COVALENT

METALLIC

POLAR

NON-POLAR

DIPOLE-DIPOLE

LONDON

**HYDROGEN
BONDING**

**NO HYDROGEN
BONDING**

**LOWEST BOILING
POINT**

**HIGHEST BOILING
POINT**