

Worksheet - Molecular shapes

Name _____

Date _____

Period _____

Name each molecule, write the formula for each molecule, draw the Lewis structure for each molecule and state the shape of the molecule.

Compound name	Formula	Lewis structure	Molecular shape
Hydrofluoric acid			
Dihydrogen oxide (water)			
	CO_2		
	H_2S		
Nitrogen trihydride (ammonia)			
Carbon tetrahydride			
	SO_3		
	CS_2		
Sulfur hexabromide			
Nitrogen trichloride			

	CBr_4		
	$SeCl_2$		
Phosphorus pentachloride			
Oxygen difluoride			