HEY

Name Period ____

Electron Dot Diagrams Worksheet

Molecule	Electron Dot Diagram	Structural Formula	# Single Bonds	# Double Bonds	# Triple Bonds	# Shared e Pairs	# Unshared e Pairs
H ₂	H-	H=1x2=-2e-	1	0	0	1	0
ICI	:I: :C!:	I=1×7=27e1=1×7==7	1	0	0	١	3/6
H ₂ O ₂	H. ;°°	H=1×10=20 = Ke 0=2×6==14= Ke 14-0-0-H	3	0	0	3	4
NH ₃	·Nº H.	Nitrogen = 1x5= = 5 Hydragen = 3x 1c = 3/8= H-N-H	3	0	0	3	1
HCN	H C N.	H=10-X1 =1 > 10= C=40-X1 =4 > 10= H-C=N-	1	0	1	4	0
PF ₃	P. P. F. F. 3x7E.2	-F-P-F-	3	0	0	3	1
CO ₂	.co.	C=1x4==4716= 0=2x6==12716= 0=C=0	0	2	0	4	0