

Oxidation Number Practice Problems

Note: Before you start this exercise read the handout "Oxidation States and Rules for Assigning Them".

1) find the oxidation number for each atom of the following compounds/ions. Place the name of each compound/ion on the space provided:

_____	_____	_____	_____
K_3PO_4	SO_3	$Ca(NO_3)_2$	SO_2
K__	S__	Ca__	S__
P__	O__	N__	O__
O__		O__	
_____	_____	_____	_____
ClO_4^-	CO	N_2O_4	$C_2O_4^{2-}$
Cl__	C__	N__	C__
O__	O__	O__	O__
_____	_____	_____	_____
$LiIO$	CO_3^{2-}	Na_2SO_3	$Cr_2O_7^{2-}$
Li__	C__	Na__	Cr__
I__	O__	O__	O__
O__		S__	
_____	_____	_____	_____
$KHSO_4$	$KMnO_4$	Cr_2O_3	P_4O_{10}
K__	K__	Cr__	P__
H__	Mn__	O__	O__
S__	O__		
O__			