

Name : _____

Counting Atoms and Diagramming Chemical Equations Worksheet

Circle the subscripts of the following compounds and identify how many of each atom are present in each compound.

O_2 O =	H_2 H =	F_6 F =
P_4 P =	$CaCl_2$ Ca = Cl =	H_2O_2 H = O =
$NaOH$ Na = O = H =	$LiNO_3$ Li = N = O =	CH_4 C = H =
Na_2SO_2 Na = S = O =	$CaBr_2$ Ca = Br =	$K_2Cr_2O_7$ K = Cr = O =
$Ba_3(PO_4)_2$ Ba = P = O =	$Au(IO_3)_3$ Au = I = O =	$CaCO_3$ Ca = C = O =

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Answers

O_2 O = 2	H_2 H = 2	F_6 F = 6
P_4 P = 4	$CaCl_2$ Ca = 1 Cl = 2	H_2O_2 H = 2 O = 2
NaOH Na = 1 O = 1 H = 1	$LiNO_3$ Li = 1 N = 1 O = 3	CH_4 C = 1 H = 4
Na_2SO_2 Na = 2 S = 1 O = 2	$CaBr_2$ Ca = 1 Br = 2	$K_2Cr_2O_7$ K = 2 Cr = 2 O = 7
$Ba_3(PO_4)_2$ Ba = 3 P = 2 O = 8	$Au(IO_3)_3$ Au = 1 I = 3 O = 9	$CaCO_3$ Ca = 1 C = 1 O = 3