

The Atoms Family
Atomic Math Challenge

Name _____

8	O
Oxygen	
15.999	

↑
↑
↑

Atomic number equals
the number of _____
or _____
Atomic mass equals
the number of _____
+ _____

8	O
Oxygen	
15.999	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

30	Zn
Zinc	
65.39	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

3	Li
Lithium	
6.941	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

14	Si
Silicon	
28.086	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

5	B
Boron	
10.81	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

35	Br
Bromine	
79.904	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

16	S
Sulfur	
32.06	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

53	I
Iodine	
126.905	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

25	Mn
Manganese	
54.938	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

12	Mg
Magnesium	
24.305	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

18	Ar
Argon	
39.948	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

19	K
Potassium	
39.098	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

79	Au
Gold	
196.967	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

1	H
Hydrogen	
1.008	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____

9	F
Fluorine	
18.998	

Atomic # = _____
Atomic Mass = _____
of Protons = _____
of Neutrons = _____
of Electrons = _____