

MathFLIX CHALLENGE

Periodic Table

Fill in the atomic numbers of the elements. The atomic number is the number of protons in the nucleus of an atom.

H 1																	He 2
Li 3	Be											B	C	N	O	F	Ne 10
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs 55	Ba 56	La 57	Hf 72	Ta 73	W 74	Re 75	Os 76	Ir	Pt 78	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr 87	Ra 88	+Ac 89	Rf 104	Ha	Sg	Ns	Hs 108	Mt 109	110	111	112	113					
		Ce 58	Pr 59	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
		Th 90	Pa 91	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

Find these 10 common elements from the human body and color them red.

Element	Atomic #
Oxygen	8
Carbon	6
Hydrogen	1
Nitrogen	7
Calcium	20
Phosphorus	15
Potassium	19
Sulfur	16
Sodium	11
Magnesium	12

Find these 10 common elements from the earth's crust and color them blue.

Element	Atomic #
Oxygen	8
Silicon	14
Aluminum	13
Iron	26
Calcium	20
Sodium	11
Potassium	19
Magnesium	12
Titanium	22
Hydrogen	1

Find these 10 elements, known since ancient times, and circle them.

Element	Atomic #
Gold	79
Silver	47
Copper	29
Iron	26
Lead	82
Tin	50
Mercury	80
Sulfur	16
Carbon	6
Arsenic	33