

Degrees of Certainty in Science

Scientific Fact/Claim

Wager

Degrees of Certainty in Science

Scientific Fact/Claim

Wager

matter is made of atoms

Periodic Table of Elements

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
1 H Hydrogen 1.00794	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>C Solid</p> <p>Hg Liquid</p> <p>H Gas</p> <p>Rf Unknown</p> </div> <div style="width: 40%; border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Metals</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="background-color: #ffffcc;">Alkali metals</td> <td style="background-color: #ffffcc;">Alkaline earth metals</td> <td style="background-color: #d9ead3;">Lanthanoids</td> <td style="background-color: #d9ead3;">Actinoids</td> <td style="background-color: #d9ead3;">Transition metals</td> <td style="background-color: #d9ead3;">Poor metals</td> <td style="background-color: #d9ead3;">Other nonmetals</td> <td style="background-color: #d9ead3;">Noble gases</td> </tr> </table> </div> <div style="width: 20%; text-align: right;"> <p>5 B Boron 10.811</p> <p>6 C Carbon 12.0107</p> <p>7 N Nitrogen 14.007</p> <p>8 O Oxygen 15.9994</p> <p>9 F Fluorine 18.9984032</p> </div> </div>																Alkali metals	Alkaline earth metals	Lanthanoids	Actinoids	Transition metals	Poor metals	Other nonmetals	Noble gases	2 He Helium 4.002602
Alkali metals	Alkaline earth metals	Lanthanoids	Actinoids	Transition metals	Poor metals	Other nonmetals	Noble gases																		
3 Li Lithium 6.941	4 Be Beryllium 9.012182															10 Ne Neon 20.1797									
11 Na Sodium 22.98976928	12 Mg Magnesium 24.3050															18 Ar Argon 39.948									
19 K Potassium 39.0983	20 Ca Calcium 40.078	21 Sc Scandium 44.955912	22 Ti Titanium 47.887	23 V Vanadium 50.9415	24 Cr Chromium 51.9961	25 Mn Manganese 54.938045	26 Fe Iron 55.845	27 Co Cobalt 58.933195	28 Ni Nickel 58.6934	29 Cu Copper 63.546	30 Zn Zinc 65.38	31 Ga Gallium 69.723	32 Ge Germanium 72.64	33 As Arsenic 74.9216	34 Se Selenium 78.96	35 Br Bromine 79.904	36 Kr Krypton 83.796								
37 Rb Rubidium 85.4678	38 Sr Strontium 87.62	39 Y Yttrium 88.90585	40 Zr Zirconium 91.224	41 Nb Niobium 92.90638	42 Mo Molybdenum 95.96	43 Tc Technetium (97.9072)	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.90550	46 Pd Palladium 106.42	47 Ag Silver 107.8682	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.60	53 I Iodine 126.90509	54 Xe Xenon 131.293								
55 Cs Cesium 132.9054519	56 Ba Barium 137.327	57-71 Lanthanoids	72 Hf Hafnium 178.49	73 Ta Tantalum 180.94788	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platinum 195.084	79 Au Gold 196.966569	80 Hg Mercury 200.59	81 Tl Thallium 204.3833	82 Pb Lead 207.2	83 Bi Bismuth 208.98040	84 Po Polonium (209)	85 At Astatine (209)	86 Rn Radon (222)								
87 Fr Francium (223)	88 Ra Radium (226)	89-103 Actinoids	104 Rf Rutherfordium (261)	105 Db Dubnium (262)	106 Sg Seaborgium (266)	107 Bh Bohrium (264)	108 Hs Hassium (277)	109 Mt Meitnerium (268)	110 Ds Darmstadtium (271)	111 Rg Roentgenium (272)	112 Uub Ununbium (285)	113 Uut Ununtrium (284)	114 Uuq Ununquadium (289)	115 Uup Ununpentium (288)	116 Uuh Ununhexium (289)	117 Uus Ununseptium	118 Uuo Ununoctium (294)								

For elements with no stable isotopes, the mass number of the isotope with the longest half-life is in parentheses.

Design and Interface Copyright © 1997 Michael Dayah (michael@dayah.com). <http://www.ptable.com/>

Degrees of Certainty in Science

Scientific Fact/Claim

Wager

matter is made of atoms

my life

Periodic Table of Elements

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																									
1 H Hydrogen 1.00794	Atomic # Symbol Name Atomic Mass																2 He Helium 4.002602																									
3 Li Lithium 6.941	4 Be Beryllium 9.012182	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>C Solid</p> <p>Hg Liquid</p> <p>H Gas</p> <p>Rf Unknown</p> </div> <div style="width: 60%;"> <table border="1"> <tr> <th colspan="6">Metals</th> <th colspan="2">Nonmetals</th> </tr> <tr> <td>Alkaline earth metals</td> <td>Alkaline earth metals</td> <td>Lanthanoids</td> <td>Transition metals</td> <td>Poor metals</td> <td>Other nonmetals</td> <td colspan="2">Noble gases</td> </tr> <tr> <td></td> <td></td> <td>Actinoids</td> <td></td> <td></td> <td></td> <td colspan="2"></td> </tr> </table> </div> </div>																Metals						Nonmetals		Alkaline earth metals	Alkaline earth metals	Lanthanoids	Transition metals	Poor metals	Other nonmetals	Noble gases				Actinoids						10 Ne Neon 20.1797
Metals						Nonmetals																																				
Alkaline earth metals	Alkaline earth metals	Lanthanoids	Transition metals	Poor metals	Other nonmetals	Noble gases																																				
		Actinoids																																								
11 Na Sodium 22.98976928	12 Mg Magnesium 24.3050	13 Al Aluminum 26.9815386	14 Si Silicon 28.0855	15 P Phosphorus 30.973762	16 S Sulfur 32.06	17 Cl Chlorine 35.453	18 Ar Argon 39.948																																			
19 K Potassium 39.0983	20 Ca Calcium 40.078	21 Sc Scandium 44.955912	22 Ti Titanium 47.887	23 V Vanadium 50.9415	24 Cr Chromium 51.9961	25 Mn Manganese 54.938045	26 Fe Iron 55.845	27 Co Cobalt 58.933195	28 Ni Nickel 58.6934	29 Cu Copper 63.546	30 Zn Zinc 65.38	31 Ga Gallium 69.723	32 Ge Germanium 72.64	33 As Arsenic 74.9216	34 Se Selenium 78.96	35 Br Bromine 79.904	36 Kr Krypton 83.796																									
37 Rb Rubidium 85.4678	38 Sr Strontium 87.62	39 Y Yttrium 88.90585	40 Zr Zirconium 91.224	41 Nb Niobium 92.90638	42 Mo Molybdenum 95.96	43 Tc Technetium (97.9072)	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.90550	46 Pd Palladium 106.42	47 Ag Silver 107.8682	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.60	53 I Iodine 126.90509	54 Xe Xenon 131.29																									
55 Cs Cesium 132.9054519	56 Ba Barium 137.327	57-71 Lanthanoids	72 Hf Hafnium 178.49	73 Ta Tantalum 180.94788	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.222	78 Pt Platinum 195.084	79 Au Gold 196.966569	80 Hg Mercury 200.59	81 Tl Thallium 204.3833	82 Pb Lead 207.2	83 Bi Bismuth 208.98040	84 Po Polonium (209)	85 At Astatine (208.98040)	86 Rn Radon (222.0175)																									
87 Fr Francium (223)	88 Ra Radium (226)	89-103 Actinoids	104 Rf Rutherfordium (261)	105 Db Dubnium (262)	106 Sg Seaborgium (266)	107 Bh Bohrium (264)	108 Hs Hassium (277)	109 Mt Meitnerium (268)	110 Ds Darmstadtium (271)	111 Rg Roentgenium (272)	112 Uub Ununbium (285)	113 Uut Ununtrium (284)	114 Uuq Ununquadium (289)	115 Uup Ununpentium (288)	116 Uuh Ununhexium (289)	117 Uus Ununseptium (289)	118 Uuo Ununoctium (294)																									

For elements with no stable isotopes, the mass number of the isotope with the longest half-life is in parentheses.

Design and Interface Copyright © 1997 Michael Dayah (michael@dayah.com). <http://www.ptable.com/>

Degrees of Certainty in Science

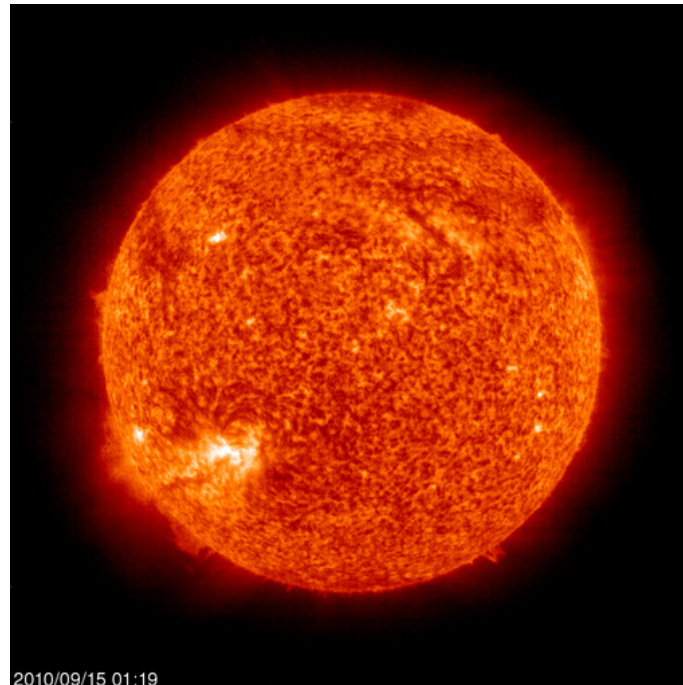
Scientific Fact/Claim

Wager

matter is made of atoms

my life

**the Sun is powered by nuclear
fusion**



Degrees of Certainty in Science

Scientific Fact/Claim

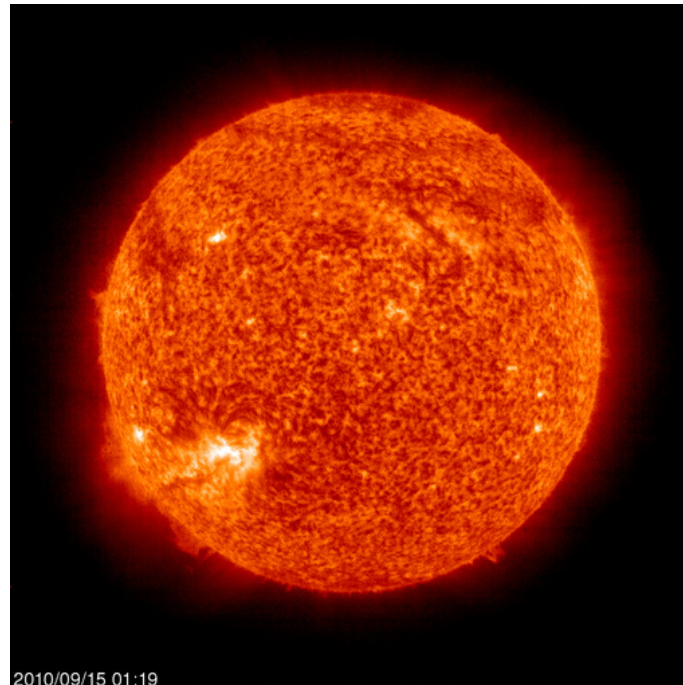
Wager

matter is made of atoms

my life

**the Sun is powered by nuclear
fusion**

my boss's life



2010/09/15 01:19

Degrees of Certainty in Science

Scientific Fact/Claim

Wager

matter is made of atoms

my life

the Sun is powered by nuclear fusion

my boss's life

the Universe began in a hot Big Bang



Degrees of Certainty in Science

Scientific Fact/Claim

Wager

matter is made of atoms

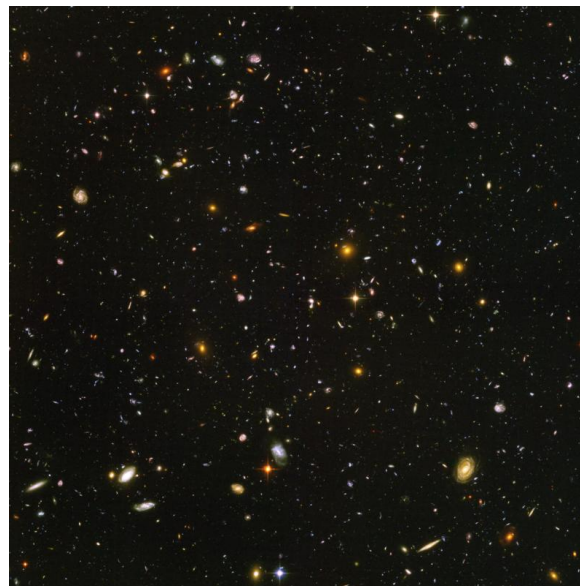
my life

the Sun is powered by nuclear fusion

my boss's life

the Universe began in a hot Big Bang

Super Bowl tix for everybody!



Degrees of Certainty in Science

Scientific Fact/Claim

Wager

matter is made of atoms

my life

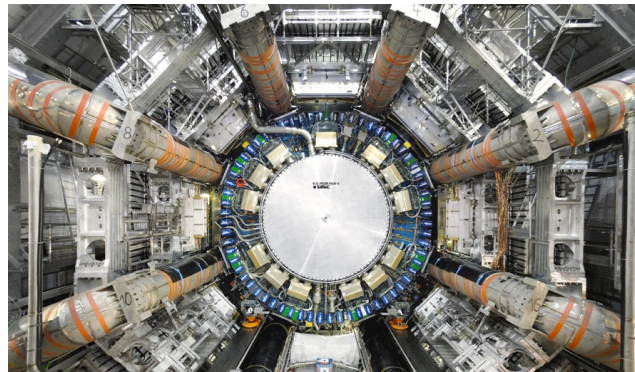
the Sun is powered by nuclear fusion

my boss's life

the Universe began in a hot Big Bang

Super Bowl tix for everybody!

the dark matter consists of relic supersymmetric staus



Degrees of Certainty in Science

Scientific Fact/Claim

Wager

matter is made of atoms

my life

the Sun is powered by nuclear fusion

my boss's life

the Universe began in a hot Big Bang

Super Bowl tix for everybody!

the dark matter consists of relic supersymmetric staus

a cool beverage

