

# Periodic Table Mystery Words Game ~ Worksheet Sample2

Find these missing words ...

2	2	1	2
---	---	---	---

↑ Math subject (138)

2	2	1
---	---	---

↑ Collection of maps (158)

1	2	1	1	1
---	---	---	---	---

↑ Subject (98)

1	2	1	1	2	2
---	---	---	---	---	---

↑ Meat sandwich (372)

2	1	1
---	---	---

↑ Steel (92)

1	2	1	2	1
---	---	---	---	---

↑ Citrus fruit (151)

2	1	2	2
---	---	---	---

↑ Kernels (212)

2	1	1	2	1
---	---	---	---	---

↑ Grapes (222)

1	2	1
---	---	---

↑ Store (98)

2	2	1	2
---	---	---	---

↑ Instructor (210)

The following elemental symbols belong to the missing words on the left. Place them in the correct boxes to solve find the mystery words. Suggestion: cross them out once used.

89 <b>Ac</b> Actinium	13 <b>Al</b> Aluminum	95 <b>Am</b> Americium	85 <b>At</b> Astatine
5 <b>B</b> Boron	5 <b>B</b> Boron	6 <b>C</b> Carbon	27 <b>Co</b> Cobalt
68 <b>Er</b> Erbium	68 <b>Er</b> Erbium	9 <b>F</b> Fluorine	32 <b>Ge</b> Germanium
32 <b>Ge</b> Germanium	1 <b>H</b> Hydrogen	1 <b>H</b> Hydrogen	1 <b>H</b> Hydrogen
67 <b>Ho</b> Holmium	53 <b>I</b> Iodine	49 <b>In</b> Indium	77 <b>Ir</b> Iridium
57 <b>La</b> Lanthanum	7 <b>N</b> Nitrogen	7 <b>N</b> Nitrogen	7 <b>N</b> Nitrogen
8 <b>O</b> Oxygen	8 <b>O</b> Oxygen	15 <b>P</b> Phosphorus	15 <b>P</b> Phosphorus
84 <b>Po</b> Polonium	88 <b>Ra</b> Radium	88 <b>Ra</b> Radium	88 <b>Ra</b> Radium
75 <b>Re</b> Rhenium	111 <b>Rg</b> Roentgenium	86 <b>Rn</b> Radon	16 <b>S</b> Sulfur
16 <b>S</b> Sulfur	16 <b>S</b> Sulfur	16 <b>S</b> Sulfur	16 <b>S</b> Sulfur
52 <b>Te</b> Tellurium	92 <b>U</b> Uranium		

**Hints:** The ten words to find above are listed in alphabetical order.

The number at the bottom of each square is the elemental symbol's letter count.

The number in parentheses after the clue is the sum of the word's atomic numbers.

## Sample2 Solution

13 <b>Al</b> Aluminum	32 <b>Ge</b> Germanium	5 <b>B</b> Boron	88 <b>Ra</b> Radium		
85 <b>At</b> Astatine	57 <b>La</b> Lanthanum	16 <b>S</b> Sulfur			
9 <b>F</b> Fluorine	75 <b>Re</b> Rhenium	7 <b>N</b> Nitrogen	6 <b>C</b> Carbon	1 <b>H</b> Hydrogen	
1 <b>H</b> Hydrogen	95 <b>Am</b> Americium	5 <b>B</b> Boron	92 <b>U</b> Uranium	111 <b>Rg</b> Roentgenium	68 <b>Er</b> Erbium
77 <b>Ir</b> Iridium	8 <b>O</b> Oxygen	7 <b>N</b> Nitrogen			
8 <b>O</b> Oxygen	88 <b>Ra</b> Radium	7 <b>N</b> Nitrogen	32 <b>Ge</b> Germanium	16 <b>S</b> Sulfur	
84 <b>Po</b> Polonium	15 <b>P</b> Phosphorus	27 <b>Co</b> Cobalt	86 <b>Rn</b> Radon		
88 <b>Ra</b> Radium	53 <b>I</b> Iodine	16 <b>S</b> Sulfur	49 <b>In</b> Indium	16 <b>S</b> Sulfur	
16 <b>S</b> Sulfur	67 <b>Ho</b> Holmium	15 <b>P</b> Phosphorus			
52 <b>Te</b> Tellurium	89 <b>Ac</b> Actinium	1 <b>H</b> Hydrogen	68 <b>Er</b> Erbium		