

# Periodic Table Mystery Words Game ~ Worksheet Sample

Find these missing words ...

2	1	2
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↑ Nut of a particular tree (183)

2	2	1
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↑ Breakfast food and burger topping (90)

1	1	2	1
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↑ Board game (122)

1	1	1	2
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↑ Not Lost (169)

2	1
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↑ Oxygen or Neon (47)

1	1	2	1
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↑ Flying toy (140)

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

↑ Small rodent (168)

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

↑ Language units by which a person or thing is known (201)

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

↑ African mammal (200)

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

↑ It's universal (165)

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	95 <b>Am</b> Americium	56 <b>Ba</b> Barium	6 <b>C</b> Carbon
58 <b>Ce</b> Cerium	27 <b>Co</b> Cobalt	99 <b>Es</b> Einsteinium	99 <b>Es</b> Einsteinium
9 <b>F</b> Fluorine	31 <b>Ga</b> Gallium	1 <b>H</b> Hydrogen	53 <b>I</b> Iodine
53 <b>I</b> Iodine	19 <b>K</b> Potassium	42 <b>Mo</b> Molybdenum	7 <b>N</b> Nitrogen
7 <b>N</b> Nitrogen	60 <b>Nd</b> Neodymium	102 <b>No</b> Nobelium	8 <b>O</b> Oxygen
8 <b>O</b> Oxygen	91 <b>Pa</b> Protactinium	45 <b>Rh</b> Rhodium	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
34 <b>Se</b> Selenium	52 <b>Te</b> Tellurium	92 <b>U</b> Uranium	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.

# Sample Solution

89 <b>Ac</b> Actinium	8 <b>O</b> Oxygen	86 <b>Rn</b> Radon	
56 <b>Ba</b> Barium	27 <b>Co</b> Cobalt	7 <b>N</b> Nitrogen	
6 <b>C</b> Carbon	1 <b>H</b> Hydrogen	99 <b>Es</b> Einsteinium	16 <b>S</b> Sulfur
9 <b>F</b> Fluorine	8 <b>O</b> Oxygen	92 <b>U</b> Uranium	60 <b>Nd</b> Neodymium
31 <b>Ga</b> Gallium		16 <b>S</b> Sulfur	
19 <b>K</b> Potassium	53 <b>I</b> Iodine	52 <b>Te</b> Tellurium	16 <b>S</b> Sulfur
42 <b>Mo</b> Molybdenum	92 <b>U</b> Uranium	34 <b>Se</b> Selenium	
7 <b>N</b> Nitrogen	95 <b>Am</b> Americium	99 <b>Es</b> Einsteinium	
45 <b>Rh</b> Rhodium	53 <b>I</b> Iodine	102 <b>No</b> Nobelium	
16 <b>S</b> Sulfur	91 <b>Pa</b> Protactinium	58 <b>Ce</b> Cerium	