Atomic Structure Worksheet - Solution Key

Fill in the blanks for the elements in this chart. For the purposes of this chart, round all atomic masses to the nearest whole number.

| Element | Number of Protons | Number of Neutrons | Number of Electrons | Atomic Mass | Atomic Number |
|-----------|----------------------|-----------------------|------------------------|----------------|------------------|
| lithium | 3 | 4 | 3 | 7 | 3 |
| carbon | 6 | 6 | 6 | 12 | 6 |
| chlorine | 17 | 18 | 17 | 35 | 17 |
| silver | 47 | 61 | 47 | 108 | 47 |
| lead | 82 | 125 | 82 | 207 | 82 |
| calcium | 20 | 20 | 20 | 40 | 20 |
| tantalum | 73 | 108 | 73 | 181 | 73 |
| radium | 88 | 138 | 88 | 226 | 88 |
| samarium | 62 | 88 | 62 | 150 | 62 |
| uranium | 92 | 146 | 92 | 238 | 92 |
| americium | 95 | 148 | 95 | 243 | 95 |
| awrencium | 103 | 159 | 103 | 262 | 103 |

Matching Worksheet For Atomic Structure Answer Key

American Society for Metals

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