

# PERIODIC TABLE PUZZLE

Name \_\_\_\_\_

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| I |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |
|   | F |   |   |   |   |   |   |   |    |    |    |    |    |    | G  | H  |    |
|   |   |   |   |   |   |   |   |   |    |    |    |    | B  |    |    |    | A  |
| C |   |   |   |   |   |   |   | E |    |    |    | J  |    |    |    |    |    |
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|  |  | D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Place the letter of each of the above elements next to its description below.

1. An alkali metal \_\_\_\_\_
2. An alkaline earth metal \_\_\_\_\_
3. An inactive gas \_\_\_\_\_
4. An active nonmetal \_\_\_\_\_
5. A semi-metal \_\_\_\_\_
6. An inner transition element \_\_\_\_\_
7. Its most common oxidation state is -2. \_\_\_\_\_
8. A metal with more than one oxidation state \_\_\_\_\_
9. Metal with an oxidation number of +3 \_\_\_\_\_
10. Has oxidation numbers of +1 and -1 \_\_\_\_\_



# Periodic Table Puzzle Answers

**Ying Liu**



## **Periodic Table Puzzle Answers:**

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