

Name: \_\_\_\_\_

## Reading the Periodic Table

The **periodic table** displays all known chemical elements organized by atomic number (number of protons in the nucleus) and electron configuration. This creates groups of elements with similar chemical properties.

The table's cells contain information about elements. Different tables might include different pieces of information or use a different cell layout.

**atomic number**

number of protons in the nucleus

**name**

full element name

10

**Ne**

Neon

20.18

**symbol**

one- or two-letter abbreviation used in chemical formulas

**atomic mass**

average mass of all atoms (roughly the sum of protons and neutrons)

Use a periodic table to find the missing information for each element.



# Preview

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5.

Copper

63.55

6.

36

7.

**W**

183.84

8.

Silver

9.

99

Einsteinium

10.

**Ti**

47.87

11.

Arsenic

12.

Radon

222

# ANSWER KEY

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