

# Periodic Table Practice

Part A. Using your knowledge of the Periodic Table, answer the following questions.

- ① Ni is the symbol for what element? \_\_\_\_\_
- ② The element that has the atomic number 17 is? \_\_\_\_\_
- ③ Cu, Ag, and Au are all in what group? \_\_\_\_\_
- ④ What is the symbol for the element with atomic number 74? \_\_\_\_\_
- ⑤ What is the atomic mass of copper? \_\_\_\_\_
- ⑥ What is the last element in period 4? \_\_\_\_\_

Part B. Fill in the blanks.

- ① The number of protons in an atom is the \_\_\_\_\_ number.
- ② The total of the protons and neutrons of an atom is the atom's \_\_\_\_\_ number.
- ③ The elements in group \_\_\_\_\_ are the most reactive metals.
- ④ The elements in group \_\_\_\_\_ are the most reactive nonmetals.
- ⑤ The elements in group \_\_\_\_\_ are very unreactive.

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## Answers

- ① Ni is the symbol for what element? Nickle
- ② The element that has the atomic number 17 is? Chlorine
- ③ Cu, Ag, and Au are all in what group? Group 11
- ④ What is the symbol for the element with atomic number 74? W
- ⑤ What is the atomic mass of copper? 63.546
- ⑥ What is the last element in period 4? Krypton

- ① The number of protons in an atom is the atomic number.
- ② The total of the protons and neutrons of an atom is the atom's mass number.
- ③ The elements in group 1 are the most reactive metals.
- ④ The elements in group 17 are the most reactive nonmetals.
- ⑤ The elements in group 18 are very unreactive.