

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

## Periodic Table Questions

Use a periodic table and your knowledge of chemistry to answer the questions.

1. The rows on the periodic table are called \_\_\_\_\_.  
(periods / groups)
2. The columns on the periodic table are called \_\_\_\_\_.  
(periods / groups)
3. Circle the element that is a gas at room temperature.

cobalt

neon

mercury

neptunium



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5. Write the number of protons in each element.

potassium \_\_\_\_\_

nobelium \_\_\_\_\_

tungsten \_\_\_\_\_

iodine \_\_\_\_\_

6. Calculate the average number of neutrons in each element.

(Hint: atomic mass is the average mass of all atoms, but the electrons' mass is negligible.)

helium \_\_\_\_\_

lead \_\_\_\_\_

uranium \_\_\_\_\_

xenon \_\_\_\_\_

7. Which element usually has **no** neutrons? \_\_\_\_\_

# ANSWER KEY

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Use a periodic table and your knowledge of chemistry to answer the questions.

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(Hint: atomic mass is the average mass of all atoms, but the electrons' mass is negligible.)

helium 2

lead 125

uranium 146

xenon 77

7. Which element usually has **no** neutrons? hydrogen