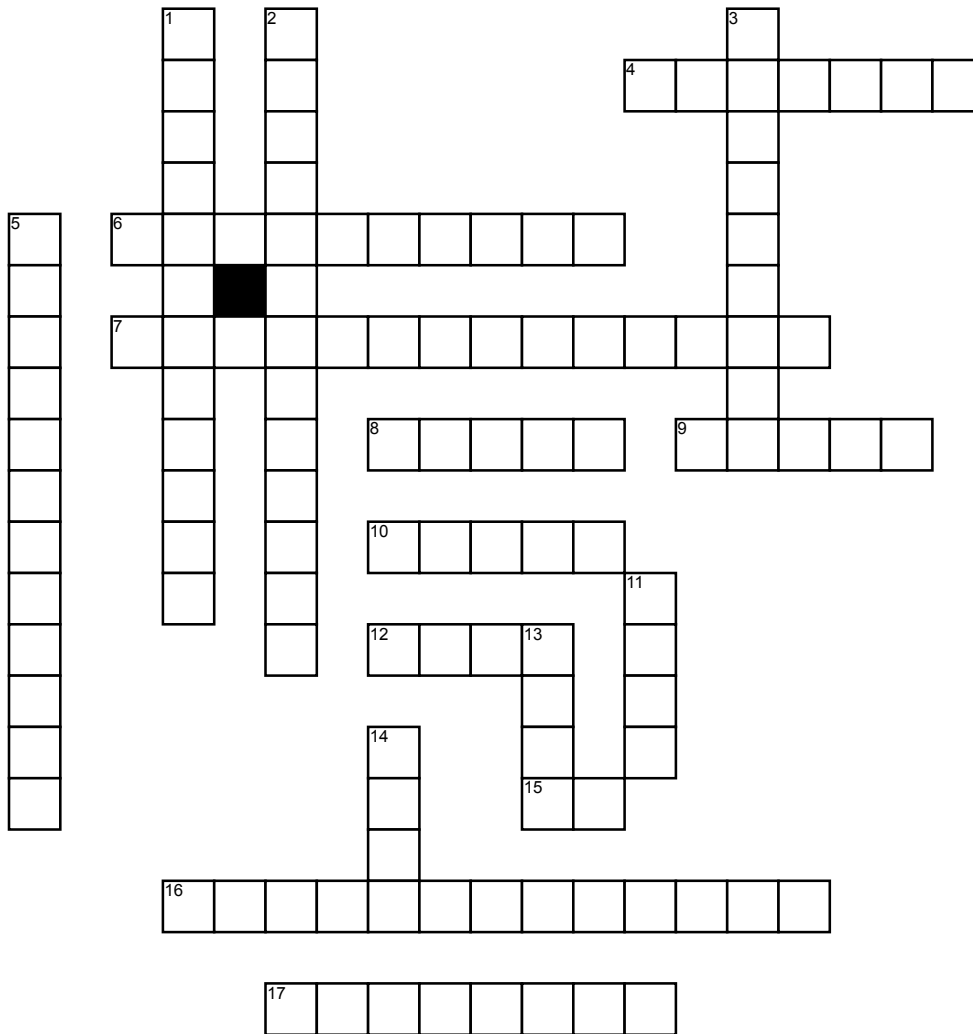


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Thallium



**Across**

- 4. thallium is derived from the Greek word \_\_\_\_\_ meaning green twig
- 6. \_\_\_\_\_ found in nature
- 7. \_\_\_\_\_ discovered thallium
- 8. this element is very dangerous due to how \_\_\_\_\_ it is
- 9. described as soft silvery-white \_\_\_\_\_ metal
- 10. in the spectrum of impure sulfuric acid a \_\_\_\_\_ line was found

**Down**

- 1. used in \_\_\_\_\_
- 2. used in electronic industry \_\_\_\_\_ cells
- 3. found in \_\_\_\_\_ nodules in the ocean floor
- 5. used in low temperature \_\_\_\_\_
- 11. Claude-Auguste did more research than William Crooke on thallium in \_\_\_\_\_
- 13. thallium sulfate in rodenticides was banned in the US in \_\_\_\_\_
- 14. found in the by-products of zinc, copper and \_\_\_\_\_
- 12. thallium was discovered in \_\_\_\_\_
- 15. 0.0000 \_\_\_\_\_% found in the earth's crust
- 16. it was debated that \_\_\_\_\_ was the real discoverer of this element but it was determined he was not
- 17. \_\_\_\_\_ sulfate killed many people when it was used as a rodenticide

**Word Bank**

- |              |                 |              |            |               |
|--------------|-----------------|--------------|------------|---------------|
| 1862         | Claude-Auguste  | rodenticides | toxic      | manganese     |
| 1975         | lead            | 1861         | uncommonly | thallos       |
| heavy        | 53              | thallium     | green      | photoelectric |
| thermometers | William Crookes |              |            |               |