

Student Comprehension Worksheet

Directions: Read the online *Science News* article "[Ink analysis reveals Marie Antoinette's letters' hidden words and who censored them](#)," which details how scientists used chemistry to unravel a mystery from the French Revolution, and answer the questions below. A version of the article, "Marie Antoinette's letters are uncensored by X-rays," appears in the November 6, 2021 issue of *Science News*.

- 1. Who was Marie Antoinette? Who did she write secret letters to while imprisoned during the French Revolution?**
- 2. What mysteries surround the letters?**
- 3. What technology helped scientists reveal the scribbled-out words? How does the technology work?**
- 4. How did the technology reveal the scribbled-out words? What are the words?**
- 5. Who crossed out the words, and how did scientists identify the person?**
- 6. What is one mystery that remains unsolved?**