Answer Key: Marie Curie Video Questions

Instructions
While watching the Founders of Chemistry video about Marie Curie, answer the following questions:

1. What “deal” did Marie make with her sister Bronya?
   Bronya would go to school to be a doctor while Marie was a governess, and then once Bronya was on her feet, she would send Marie to school

2. What degrees and in what subjects did Marie get when she graduated? How many years did it take her?
   Double masters in physics and math; 3 years

3. What subject did Marie decide to pursue for her doctoral studies?
   Uranium rays

4. What invention of Pierre’s did she use?
   Electrometer

5. What term did Marie Curie coin?
   Radioactive

6. How did Marie determine that there must be undiscovered elements that caused radiation?
   Uranium containing compounds were more radioactive than pure uranium

7. What two elements did Marie and Pierre discover?
   Polonium and Radium

8. In what years did Marie receive her two Nobel prizes? And in what fields?
   1903 – Physics
   1911 – Chemistry

9. How many soldiers were treated using Marie’s mobile x-ray labs during WWI?
   One million

10. What caused Marie Curie’s health to decline?
    Excessive exposure to x-rays