**G8 W14 chemistry worksheet**

Choose the correct answer: -

1. Melting points of Group 2 elements decrease from top to bottom except \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Beryllium
   2. Magnesium
   3. Calcium
   4. Strontium
2. How many electrons were found in the outer shell of group 2 elements?
   1. One
   2. Two
   3. Three
   4. Eight
3. Group 2 elements react with dilute Hydrochloric acid to form \_\_\_\_\_\_\_\_\_\_\_\_
   1. The element hydroxide and Hydrogen gas
   2. The element chloride and Hydrogen gas
   3. Water and Hydrogen gas
   4. The element chloride and Oxygen gas
4. Which ions formed when Group 2 elements lose their outer electrons?
   1. +1 ions
   2. +2 ions
   3. +3 ions
   4. -2 ions
5. The chemical reactivity \_\_\_\_\_\_\_\_\_\_\_ from top to bottom in Group 2 elements
   1. Increases
   2. Decreases
   3. Doesn’t change
   4. Doesn’t have pattern
6. The attraction between nucleus and outermost electrons \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rom top to bottom in Group 2 elements.
   1. Increases
   2. Decreases
   3. Doesn’t change
   4. Doesn’t have pattern
7. Which element is used to make mirror segments in James Webb telescope?
   1. Beryllium
   2. Magnesium
   3. Calcium
   4. Strontium