

**Question #61122, Chemistry / Physical Chemistry | completed**

**Question:**

Name different types of crystal systems. Give one example of the compounds belonging to each of these systems.

**Answer:**

<b>Types of crystal systems</b>	<b>Example</b>
Triclinic	Microcline ( $\text{KAlSi}_3\text{O}_8$ )
Monoclinic	Orthoclase ( $\text{KAlSi}_3\text{O}_8$ )
Orthorhombic	Epsomite ( $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ )
Tetragonal	Wulfenite ( $\text{PbMoO}_4$ )
Trigonal	Dolomite ( $\text{CaMg}(\text{CO}_3)_2$ )
Hexagonal	Beryl ( $\text{Be}_3\text{Al}_2(\text{SiO}_3)_6$ )
Cubic	Pyrite ( $\text{FeS}_2$ )