

CHEMISTRY PLACEMENT EXAM

Students who take the Chemistry Placement Exam must have placed in Math 101 or higher at Glendale Community College in order to process their Chemistry Test. There are a total of 44 questions on the test, and it is timed for 45 minutes. A Periodic Table of the Elements and a Table of Abbreviations and Symbols are provided on the back of the test booklet.

SAMPLE QUESTIONS FOR THE CHEMISTRY PLACEMENT EXAM

- Using the Periodic Table, predict the formula for a compound of gallium and fluorine.
a) GaF, b) GaF₂, c) GaF₃, d) Ga₂F₃
- Which of the following is a transition metal?
a) Fe b) Na c) Ca d) Pb
- Which of the following is a general characteristic of metals?
a) Malleability, b) Easily shattered
c) Non-conductors of electricity, d) Dull
- The substance with the highest boiling point is
a) F₂, b) Br₂, c) H₂, d) Cl₂
- The valence shell contains two electrons for element X and seven electrons for element Y, the most probable formula for a compound composed of X and Y is
a) X₂Y₇ b) X₂Y c) X₇Y₂ d) XY₂

Answers: 1) c 2) a 3) a 4) b 5) d