

# Worksheet: Electronegativity



**Q1:** From their positions in the periodic table, which of the following has the lowest electronegativity?

- A S
- B Ge
- C N
- D Sr
- E B



Question Video

**Q2:** From their positions in the periodic table, which of the following has the highest electronegativity?

- A Co
- B B
- C Cl
- D Mg
- E P



Question Video

**Q3:** Which of the following is an accurate definition of electronegativity?

- A The charge of an atom resulting from the uneven distribution of electrons in a chemical bond
- B The ability of an atom in a chemical bond to attract electrons toward itself
- C The energy needed to remove electrons from a neutral atom
- D The energy released when electrons are added to a neutral atom
- E The number of valence electrons that an atom can provide for chemical bonding

**Q4:** Which of the following Period 2 elements has the highest electronegativity?

- A C
- B N
- C B
- D O
- E Li



Question Video

**Q5:** Which of the following Period 3 elements has the highest electronegativity?

- A Al
- B Na
- C Ar
- D Cl
- E Si



Question Video