

Goal • Demonstrate your understanding of the periodic table and bonding.

What to Do

Match each description in column A with the correct term in column B. Write the letter for the term on the line beside the description.

A	B
___ 1. positively charged ion	(a) atomic number
___ 2. term used by chemists to describe the number of bonds that an atom forms in a compound	(b) periods
___ 3. charged atom	(c) valences
___ 4. bonds formed between anions and cations	(d) ion
___ 5. bond formed by atoms that share a pair of electrons	(e) cation
___ 6. number of protons or electrons in a neutral atom	(f) anion
___ 7. neutral particle that is composed of two or more atoms joined together by covalent bonds	(g) ionic bond
___ 8. horizontal rows of the periodic table	(h) diatomic molecule
___ 9. negatively charged atom	(i) molecule
___ 10. molecule that contains two atoms	(j) covalent bond