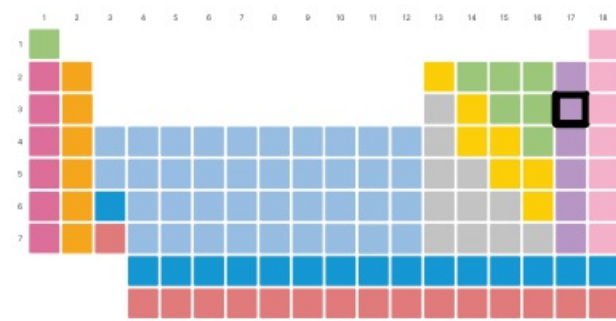


# Chlorine

## Halogens



Symbol

**Cl**

Atomic number

**17**

Atomic weight (amu)

**35.45**

Atomic radius (pm)

**79**

Melting Point (K)

**171.6**

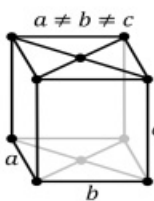
Boiling Point (K)

**239.11**

Phase - Gas



Crystal Structure



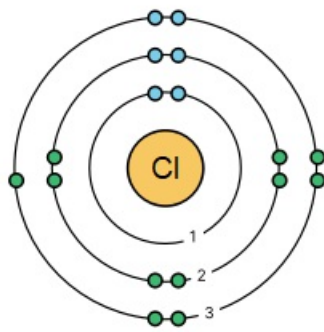
Base Centered Orthorhombic

### History

The element Chlorine was discovered by W. Scheele in year 1774 in Sweden . Chlorine was first isolated by W. Scheele in 1774 . Chlorine derived its name from the Greek word chloros, meaning 'greenish yellow'.

### Appearance

pale yellow-green gas



s  
p

[Ne] 3s<sup>2</sup> 3p<sup>5</sup>  
[2, 8, 7]

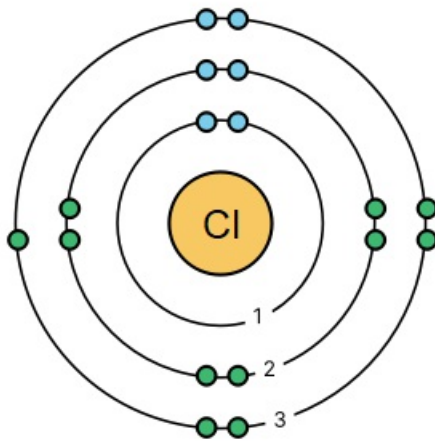
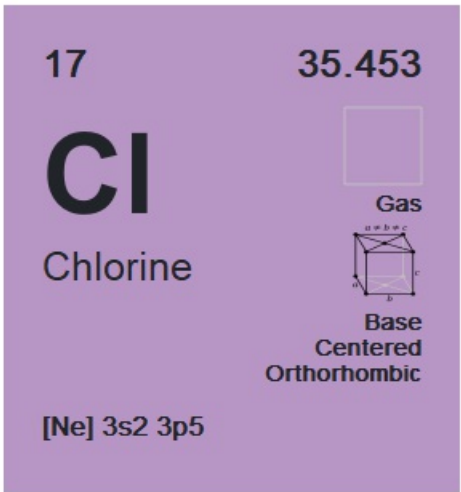
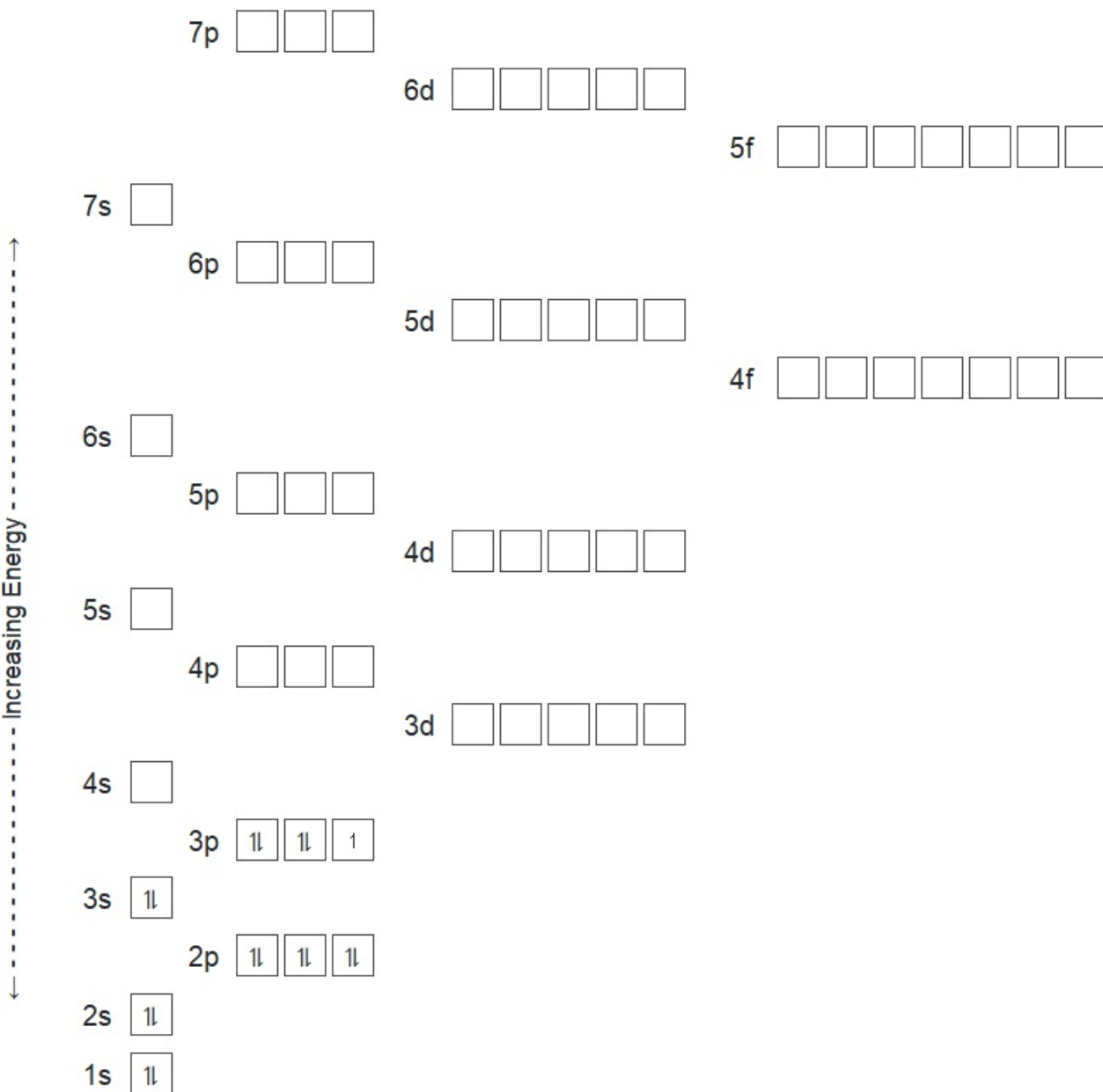
**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS

# Chlorine

## Halogens

Electronic Configuration



s  
p

[Ne] 3s<sup>2</sup> 3p<sup>5</sup>  
[2, 8, 7]

**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS