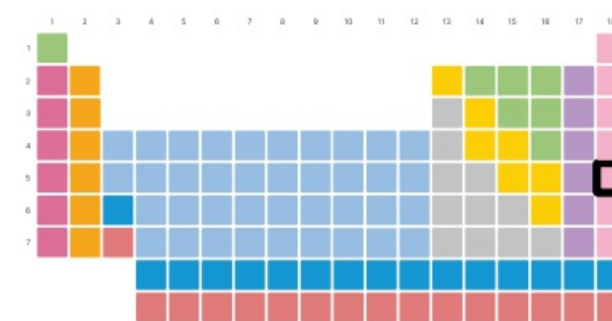


# Xenon

## Noble Gas



Symbol

**Xe**

Atomic number

**54**

Atomic weight (amu)

**131.29**

Atomic radius (pm)

**108**

Melting Point (K)

**161.3**

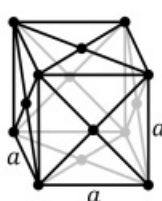
Boiling Point (K)

**165.1**

Phase - Gas



Crystal Structure



Face Centered Cubic

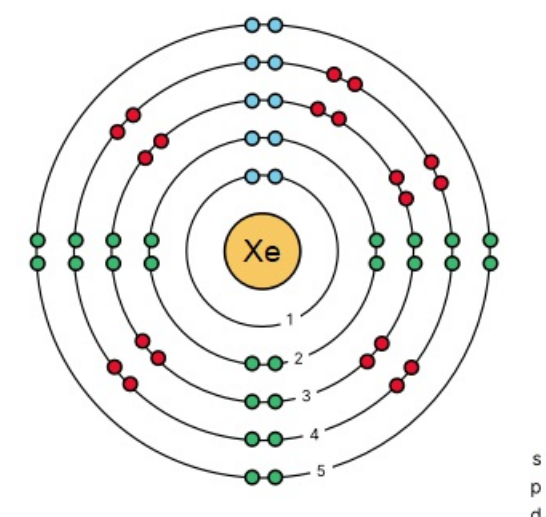
### History

The element Xenon was discovered by W. Ramsay and W. Travers in year 1898 in United Kingdom .

Xenon was first isolated by W. Ramsay and W. Travers in 1898 . Xenon derived its name from the Greek xenos, meaning 'strange'.

### Appearance

colorless gas, exhibiting a blue glow when placed in a high voltage electric field



[Kr] 4d<sup>10</sup> 5s<sup>2</sup> 5p<sup>6</sup>  
[2, 8, 18, 18, 8]

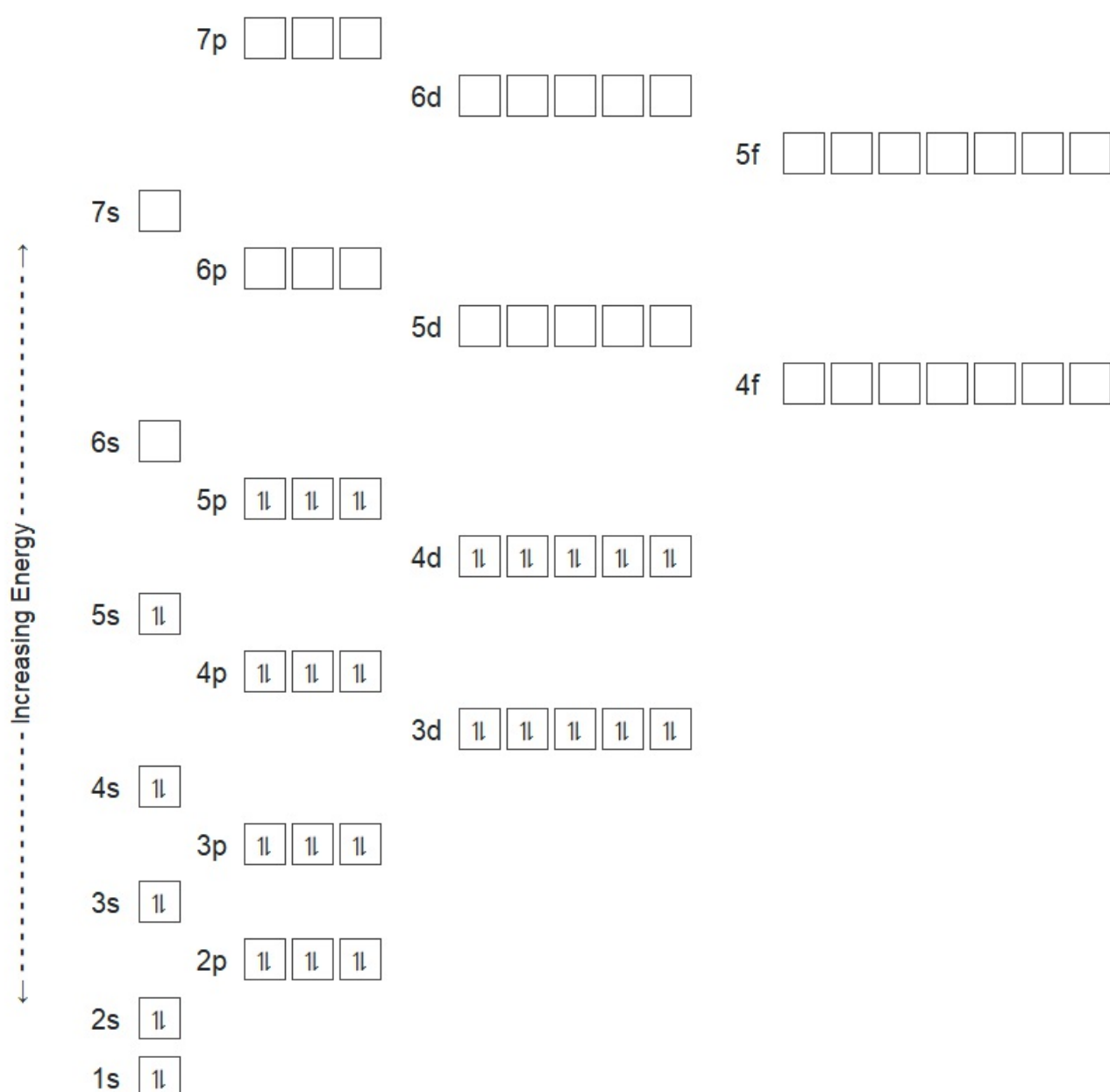
**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS

# Xenon

## Noble Gas

Electronic Configuration



54

131.293

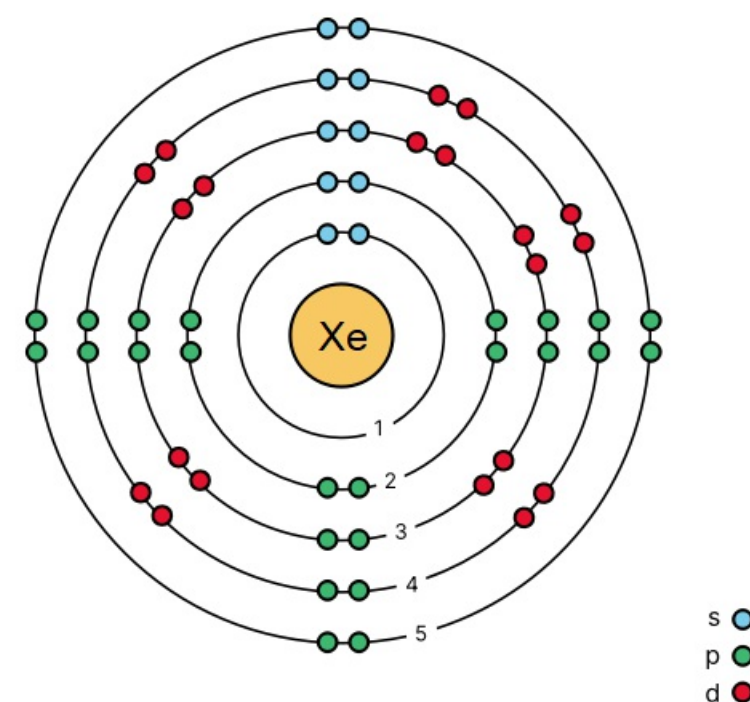
**Xe**

Xenon

[Kr] 4d<sup>10</sup> 5s<sup>2</sup> 5p<sup>6</sup>

Gas

Face Centered Cubic



[Kr] 4d<sup>10</sup> 5s<sup>2</sup> 5p<sup>6</sup>  
[2, 8, 18, 18, 8]

**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS