

فئات الجدول الدوري

s , p , d , f تنتمي العناصر في الجدول الدوري إلى أربع فئات، ويشار إليه بالأحرف ، وتدل على مستوى الطاقة الفرعي الذي يقع فيه الإلكترون الأخير لذرة العنصر.

The diagram illustrates the periodic table with four types of orbitals highlighted in different colors:

- s orbitals (orange):** Located in the first column (Group 1) and the last column (Group 18).
- p orbitals (purple):** Located in the last six columns (Groups 13-18).
- d orbitals (green):** Located in the ten columns between Groups 2 and 10.
- f orbitals (yellow):** Located in the two rows below the main body of the table, representing the lanthanide and actinide series.

The labels 's', 'p', 'd', and 'f' are placed in the center of their respective colored regions. The website 'minhaji.net' is visible in the bottom right corner of the diagram.