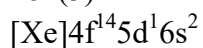


CHEMISTRY
Periodic Properties**Periodic Table**

1. 41. (1)
2. 42. (3)
3. 43. (4)
4. 44. (4)
5. 45. (1)
6. 46. (4)
7. 47. (2)

Tantalum ($Z = 73$) is a transition element.

8. 48. (3)



Atomic number = 71

Period number = 6th

Group number = 3rd

9. 49. (3)

10. 50. (3)

P is trivalent non-metal Q is divalent metal hence formula of compound is P_2Q_3 .