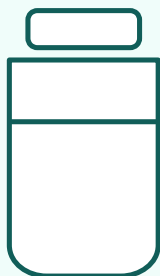


Transition Metals

8th Grade

Groups 3–12 — The familiar metals.



The familiar metals — hard, shiny, good conductors, and the source of most coloured compounds.

GROUP

Groups 3–12

MEMBERS

Fe, Cu, Zn

- High melting points and high density.
- Excellent conductors of heat and electricity.
- Form coloured compounds — copper blue, iron orange.
- Many act as catalysts.
- Can form ions with several different charges.

LOOK FOR IT

Fe · Cu · Zn · Ag · Au · Ni

Elements in the same group share outer-electron counts, which is why they behave alike.