



QUICK CHECK

TRANSITION METALS (A)

- 1 Give the full electron configuration of the following atoms and ions.
- a V atom (1)
- b V^{3+} ion (1)

- 2 Explain why copper is classed as a transition metal.

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(2)

- 3 Complete the table about the following complex ions.

Complex	$[\text{AgCl}_2]^-$	$[\text{Cr}(\text{C}_2\text{O}_4)_3]^{3-}$	$[\text{Cu}(\text{H}_2\text{O})_6]^{2+}$
Sketch of shape			
Name of shape			
Bond angles			
Ligand			
Co-ordination number			
Oxidation state of metal			