



1 State the oxidation state of the phosphorus in the following species.

species	H ₃ PO ₄	PH ₃	PF ₅	PO ₃ ³⁻	P ₄	PCl ₄ ⁺	P ₄ O ₁₀
oxidation state of P	+5	-3	+5	+3	0	+5	+5

2 Write a half equation for each of the following conversions.

