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Quiz 3

1. Chapter 10 of Nick Lane's book *Oxygen: The Molecule that made the World* is titled "Portrait of a Paradox: Vitamin C and the Many Faces of an Antioxidant". Why is this title appropriate?

Vitamin C may act as an antioxidant or a prooxidant depending on the situation

2. Determine if each of the following is an oxidation, reduction, or neither.
3. Circle and identify six unique, non-overlapping chemical functional groups.

