

2. Which of the following pairs represents the **greatest** difference in oxidation state of the underlined element?

- (a) Mn<sup>2+</sup> and KMnO<sub>4</sub>
- (b) CrO<sub>4</sub><sup>2-</sup> and Cr<sub>2</sub>O<sub>7</sub><sup>2-</sup>
- (c) Cl<sup>-</sup> and HClO<sub>4</sub>
- (d) S<sup>2-</sup> and SO<sub>3</sub><sup>2-</sup>