

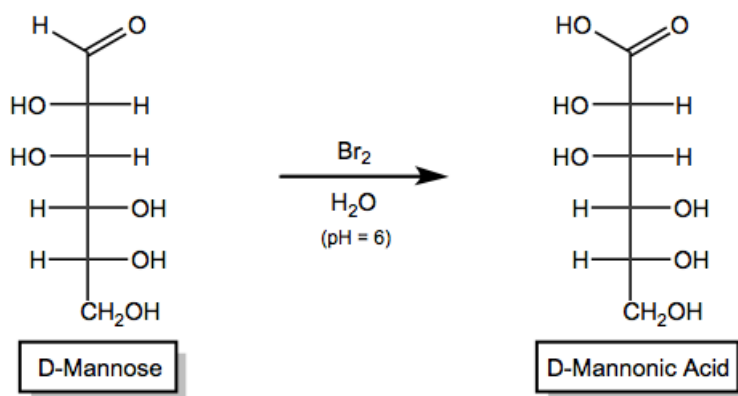
CONCEPT: MONOSACCHARIDES – WEAK OXIDATION (ALDONIC ACID)

As polyols with carbonyls, monosaccharides can undergo a series of oxidation and reduction reactions.

● **Selective oxidation** of monosaccharide _____ to _____ is known as *weak oxidation*

□ Can be used as a method to differentiate between aldoses and ketoses. The mechanism is not fully known

General Reaction:



PRACTICE: Predict the product of the following reaction.

