

- 8** Which statement about monosaccharides and disaccharides is correct?
- A** Sucrose is a non-reducing disaccharide produced from two identical monosaccharides joined together by a condensation reaction.
  - B** The hydrolysis of the reducing disaccharide maltose produces a reducing monosaccharide, and a non-reducing monosaccharide.
  - C** Maltose is a non-reducing disaccharide that contains two identical reducing monosaccharides connected by a glycosidic bond.
  - D** The addition of a water molecule to the glycosidic bond in a sucrose disaccharide produces two different reducing monosaccharides.