# Student Questions

Name:

* 1. What is meant by the term “macronutrients”?
  2. How are gluten and celiac disease related?
  3. What is the connection between irritable bowel syndrome and FODMAP?
  4. What is the difference between irritable bowel syndrome and celiac disease?
  5. Oligosaccharides are classified as a type of carbohydrate. What are their chemical characteristics?
  6. What happens to oligosaccharides made from glucose subunits when they reach the small intestine?
  7. What happens when oligosaccharides made from the sugars galactose or fructose reach the small intestine, compared with those oligosaccharides made from glucose subunits?
  8. What sugar is produced when amylase breaks down the disaccharide maltose?
  9. What are the sugar components of the disaccharide lactose, compared with those found in maltose?
  10. How do undigested sugars produce a bloated feeling as well as diarrhea in the intestine?
  11. Why do people with irritable bowel syndrome differ in terms of what sugars produce their condition?
  12. Explain the difference between celiac disease and FODMAP intolerance.
  13. What does the “F” in FODMAPs stand for?