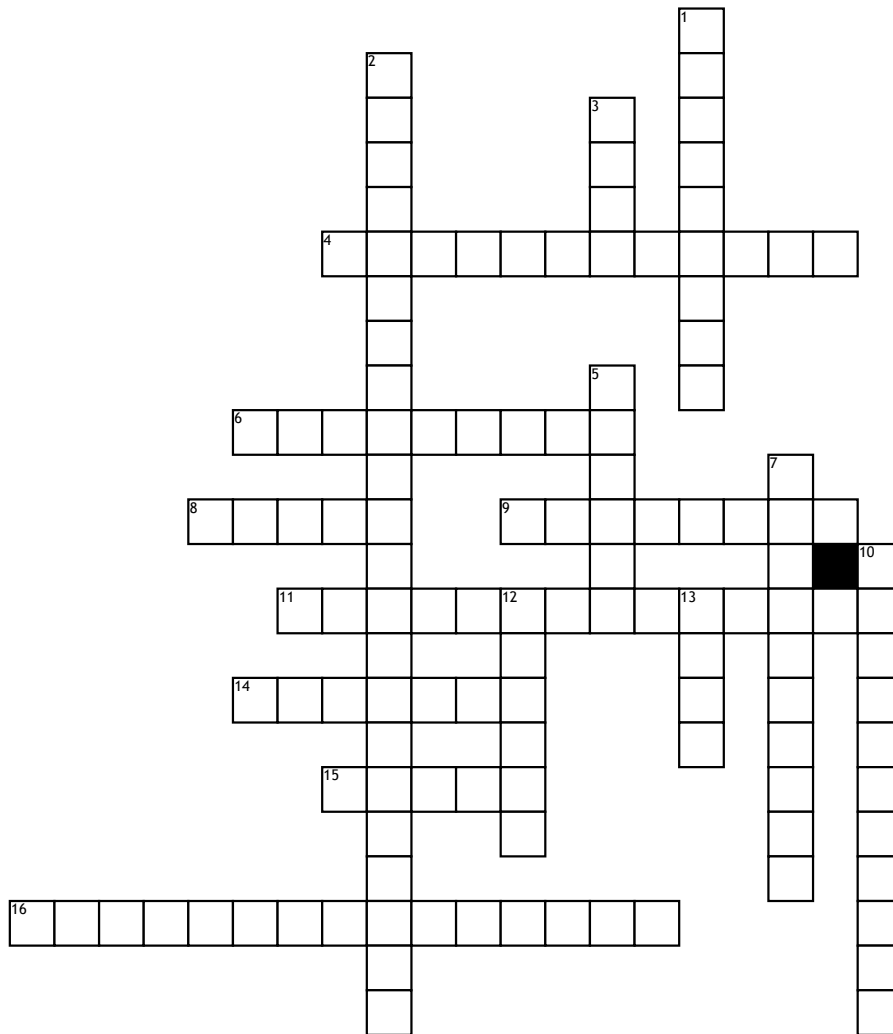


Metabolism in the Body



Across

4. _____ is poor nourishment, resulting from a lack of nutrients.
 6. _____ breaks down and changes food into forms the body can use for energy.
 8. The stomach breaks down food into _____ which is a thick liquid.
 9. _____ is the form in which glucose is stored in the body.
 11. _____ is used to recommend how much of a nutrient someone should eat when not enough scientific information is available.
 14. _____ is blood sugar.

Word Bank

basal metabolism
 peristalsis
 anemia
 glucose

chyme
 metabolism
 four
 digestion

adequate intake
 malnutrition
 dietary reference intake
 oxidation

villi
 glycogen
 nine
 enzyme

15. Fingerlike projections called _____ in the small intestine make it possible for nutrients to move into the bloodstream through absorption.
 16. _____ is the energy burned when you maintain your body's automatic functions, such as breathing, digesting food and building and repairing tissue.
Down
 1. When molecules combine with oxygen in a chemical reaction, it is called _____.
 2. _____ is the amount of nutrients for people of a certain age and gender.

3. Number of calories in one gram of carbohydrates and proteins.
 5. A special protein that helps to trigger a chemical reaction is an _____.
 7. _____ is the use of nutrients to provide energy, measured in calories.
 10. The esophagus connects the stomach to the mouth and performs a smooth, rhythmic motion called _____ to move food through itself.
 12. People who do not eat enough foods with iron may develop _____.
 13. Number of calories in one gram of fat.