

WordWise

Match each definition in the left column with the correct term in the right column. Then, write the number of each term in the box below on the line under the appropriate letter. When you have filled in all the boxes, add up the numbers in each column, row, and diagonal. All the sums should be the same.

Definition

- A. The process that releases energy from food molecules by producing ATP in the absence of oxygen
- B. The second stage of cellular respiration
- C. An electron carrier
- D. The stage of cellular respiration in which a molecule of glucose is broken into two molecules of pyruvic acid
- E. The process that releases energy by breaking down food molecules in the presence of oxygen
- F. The amount of energy needed to raise the temperature of 1 gram of water 1 degree Celsius
- G. A process that does not require oxygen
- H. A process that requires oxygen
- I. A series of carrier proteins in the inner membrane of mitochondria

Term

- 1. Krebs cycle
- 2. anaerobic
- 3. calorie
- 4. electron transport chain
- 5. cellular respiration
- 6. fermentation
- 7. glycolysis
- 8. NAD⁺
- 9. aerobic

A _____	B _____	C _____		= _____
D _____	E _____	F _____		= _____
G _____	H _____	I _____		= _____
= _____	= _____	= _____	= _____	