

Warm

Up

Identify each of the following statements as TRUE or FALSE. If FALSE, change the italicized portion of the statement to make it true.

- 1) The stroma is the space that surrounds chloroplasts.
- 2) The light-dependent reactions take place in the stroma.
- 3) Pigments in photosystem I absorb light to begin the process of photosynthesis.
- 4) The Calvin Cycle is a light-independent reaction.
- 5) Photosynthesis requires light, water, oxygen.
- 6) In many plants, the rate of photosynthesis increases when the temperature decreases.
- 7) Energy is released from ATP when a phosphate group is removed.