Cell respiration is an energy \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ process.

1. Takes place in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of plant and animal cells
2. Food molecules (in which there is stored \_\_\_\_\_\_\_\_\_\_\_\_\_\_

energy) are broken down into simpler substances

1. This \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy for cells to use
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ help make the chemical reactions in the cell possible
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is required to release energy in food molecules

Copy the formula for cell respiration from the board.

Compare the formulas for photosynthesis and cell respiration.

1. How are they similar? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How are they different?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a diagram of the cell on page 83 as it undergoes cell respiration.