

## Cell Structure and Function ▪ Key Terms

### Key Terms

Match each definition on the left with the correct term on the right. Then write the number of each term in the appropriate box below. When you have filled in all the boxes, add up the numbers in each column, row, and two diagonals. The sums should be the same. Some terms may not be used.

- |  |                             |
|--|-----------------------------|
| <b>A.</b> Acts as the cell's control center  | <b>1.</b> cytoplasm         |
| <b>B.</b> Area between the cell membrane and the nucleus   | <b>2.</b> active transport  |
| <b>C.</b> The movement of materials through a cell membrane without using cellular energy                    | <b>3.</b> microscope        |
| <b>D.</b> An energy-rich compound such as sugar  | <b>4.</b> enzyme            |
| <b>E.</b> Basic unit of structure and function in living things  | <b>5.</b> diffusion         |
| <b>F.</b> Process by which molecules move from an area of higher concentration to one of lower concentration | <b>6.</b> cell              |
| <b>G.</b> Instrument that makes small objects look larger  | <b>7.</b> carbohydrate      |
| <b>H.</b> Storage area of the cell   | <b>8.</b> nucleus           |
| <b>I.</b> Protein that speeds up chemical reactions  | <b>9.</b> passive transport |
|  | <b>10.</b> mitochondria     |
|  | <b>11.</b> vacuole          |
|  | <b>12.</b> lipid            |

<b>A</b>	<b>B</b>	<b>C</b>	= _____
_____	_____	_____	= _____
<b>D</b>	<b>E</b>	<b>F</b>	= _____
_____	_____	_____	= _____
<b>G</b>	<b>H</b>	<b>I</b>	= _____
_____	_____	_____	= _____
= _____	= _____	= _____	= _____