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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Movement in and out of a Cell

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|  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  | 4 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |
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|  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across****2.** Active transport that allows the cell to get rid of waste and other things in the cell**7.** this means that some substances can cross the membrane while others cannot**8.** This type of transport requires no energy**9.** Passive transport that allows oxygen and carbon dioxide in and out of cells**10.** Diffusion of water in a cell | **Down****1.** This type of diffusion moves things like sugar in and out of a cell**3.** Active transport where the cell membrane changes shape and engulfs the particles**4.** This type of transport requires energy**5.** Osmosis and diffusion happen through the cell . . .**6.** The energy in a cell  |