

CHAPTER

5

VOCABULARY REVIEW WORKSHEET

Cell Game Show

After you finish Chapter 5, give this puzzle a try!

This game may be played individually or in teams. You are supplied with the answers to questions in four categories. Your challenge is to come up with the correct question for each answer. Each correct "question" has a point value corresponding to the number at the beginning of the row. Keep a running total of your points as you play.

	To Make Two	On the Move	Lazy Days	I Can "C" You
50	These condense into an X-shape before mitosis.	How a cell membrane moves large particles into the cell	The movement of particles from an area of high concentration to an area of low concentration	This process ends when a cell divides and new cells are formed.
100	Human body cells have 23 pairs of these.	The movement of particles through proteins against the normal direction of diffusion	Oxygen can slip between these molecules, which make up much of the cell membrane.	This is the region where chromatids are held together.
200	Bacteria double this way.	This word means "outside the cell."	Diffusion of water across a membrane	The way organisms get energy from food using oxygen
500	The complicated process of chromosome separation; the second stage of the cell cycle	The process by which plants capture light energy and change it into food	The diffusion of particles through special "doorways" in the cell membrane	The cytoplasm splits in two during this process.
1000	During the third stage of the cell cycle, this forms in eukaryotic cells with cell walls.	When there's no oxygen for your cells, they use this to get energy.	Special doorways in the cell membrane are made of these.	Oxygen can pass directly through this cell part.

Total Points: _____