

3. Unregulated cell growth would lead to overuse of resources and is more descriptive of a disease than a healthy functioning body.

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1. Answers will vary. The company would not necessarily purchase a larger bus, because the bus might not be filled to capacity every day.
2. The company might act if the existing buses were filled on a regular basis, or if growth in the community meant that new routes should be created.



1. If there are no seats on the bus left for the people in line, would you expect the bus company to purchase a larger bus? Explain.
2. How might the bus company know if it needs to increase its capacity by purchasing more buses?
3. Would it be useful for a body cell to have systems in place that regulated the speed and timing of growth? Explain.