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|  5. Predict how the graph would change if the Ferris wheel were larger. Give  reasons for your answer. Represent this on the graph below. | 6. Predict how the graph would change if the Ferris wheel were closer to the  ground. Give reasons for your answer. Represent this on the graph below. |
| 7. Predict how the graph would change if we started measuring when the rider  was at the top of the wheel. Give reasons for your answer. Represent this  on the graph below. | 8. Predict how the graph would change if the Ferris wheel were rotated faster.  Give reasons for your answer. Represent this on the graph below. |