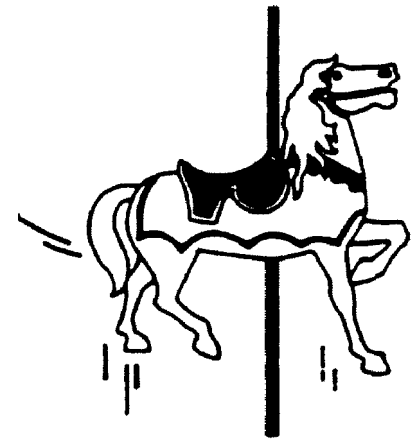


**QUALITATIVE QUESTIONS**

**For the following questions, consider a horse that moves up and down.**



1. Which horses, those on the inside or those on the outside, have the greatest tangential speed? Explain.
2. How does the angular speed of an outer horse compare to that of an inner horse?
3. While the ride is revolving at a constant angular speed, place a foam ball on the carousel. Describe the path that it takes.
4. What types of acceleration do people riding on the carousel experience?
5. Record the vertical Force Factor reading when ascending and descending.

## QUALITATIVE QUESTIONS (continued)

- ## Grand Ole Carousel - 2