

Name

PSworks Parabola Worksheet

Post-Demonstration Questions

- 1. Describe the mathematical or geometric shape that the projectile ball followed.
- 2. How did the speed of the ball bearing after it was launched compare to the speed it had as it was falling down the curved path? Explain in terms of the conservation of energy principle.

3. Did the ball bearing roll off the end of the track during the conservation of energy demonstration? Explain in terms of the conservation of energy principle.