

Physics

Name:

Force and Acceleration: Black Bodies and Quantum Cats.

Date:

Support your answer with concepts from our studies and citations from text.

---

Classwork – 2 points each

1. Explain who exerted more force in Fabio's adventure with the goose, as described in the collision.

2. What are three things that all coasters rely on ?

3. Why do hills tend to decrease as the ride progresses? Explain in terms of energy transfer.

4. How does a roller coaster exemplify "entropy" ? Explain.

5. Explain how centripetal force acts on a rider. What does it "feel" like?