

Name _____ Date _____ Period _____

Video Worksheet: “Newton's 3 Laws, with a bicycle”

CONCEPTUAL PHYSICS: UNIT 3

DIRECTIONS: Answer the following questions while watching video.

https://www.youtube.com/watch?v=JGO_zDWmkvk

1. What is Newton’s First Law?
2. What do “physicist” call Newton’s First Law?
3. What must you overcome to get your bike moving?
4. Mathematically, what does Newton’s Second Law say?
5. To cause an object to accelerate of speed up, a _____ must be applied.
6. The more force you apply the _____ you accelerate.
7. The more mass you bicycle has the more _____ you have to use, to _____ at the same rate.
8. What is Newton’s Third Law?
9. What are the “Action/Reaction” pair when riding a bicycle?
10. Draw a diagram of the “Action/Reaction” pair on a bicycle.