

Newton and his laws

Worksheet 3

LISTENING

Adapted from: <http://ed.ted.com/lessons/joshua-manley-newton-s-3-laws-with-a-bicycle>

Fill in the gaps:

1. It wasn't until the 17th century that Isaac Newton described thelaw of motion.
2. Things tend to keep on doing what they are doing.
3. Objects in motion tend toin motion and object at rest tend to stay at rest.
4. Physicists call it the Law of Inertia which is which is a way of saying that moving objects don't spontaneously speed up, slow down or change direction.
5. Newton's second law says thatis the product of mass times acceleration.
6. The more force you apply, the you accelerate.
7. The harder you push on thethe bigger the force and the quicker you accelerate.
8. According to Newton's third law for every action there is anopposite reaction .