

Name _____

Introduction to Transportation

Short Answer

1. Explain how the wheel and axle combination reduces friction and benefits transportation.
2. Provide an example of how gears in a bicycle contribute to making pedaling easier or faster.
3. Describe the role of pulleys in the transportation of heavy loads, such as in the construction of skyscrapers.
4. How do inclined planes make the loading and unloading of cargo onto vehicles more efficient? Give an example.
5. In what way do levers, such as pedals on a bicycle, help us apply force efficiently for movement?

