Name _____

## How Forces Shape Our World

**Short Answer**

1. Explain how forces are involved when a sprinter runs a race.

2. Describe how forces contribute to the movement of an airplane during takeoff and flight.

3. How do engineers use forces to design bridges that can withstand heavy loads?

4. Provide an example of a medical device that uses forces to improve the quality of life for individuals with disabilities.

5. How are forces used to propel ships through water in maritime transportation?

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