

Recognize Vocabulary

Choose from the following terms to solve each riddle. Use each term only once.

balanced forces	work	power	forces
net force	magnetism	acceleration	gravitation
friction	machines	unbalanced forces	

- _____ 1. I am a repulsing force, and my partner is an attracting force. Together we are forces between the poles of a magnet. What are we?
- _____ 2. I am a force pushing on an object, and you are a force pushing back on the object, but neither of us is moving the object. What are we?
- _____ 3. When you catch a football and run with it, I am what you are doing when you move the ball and yourself over the distance you run. What am I?
- _____ 4. We can change force into distance and distance into force. What are we?
- _____ 5. We are pushes or pulls. What are we?
- _____ 6. The faster you work, the more you have of me. What am I?
- _____ 7. I am a force, I oppose motion, and you find me where the surfaces of two objects meet. What am I?
- _____ 8. We are both pulling the same object in opposite directions. At first the object doesn't move. Then it does. What are we when the object moves?
- _____ 9. I am the force that keeps your feet on the ground. What am I?
- _____ 10. I am a way of measuring the effect of two forces on an object.
- _____ 11. I am a change in movement, caused by unbalanced forces. What am I?