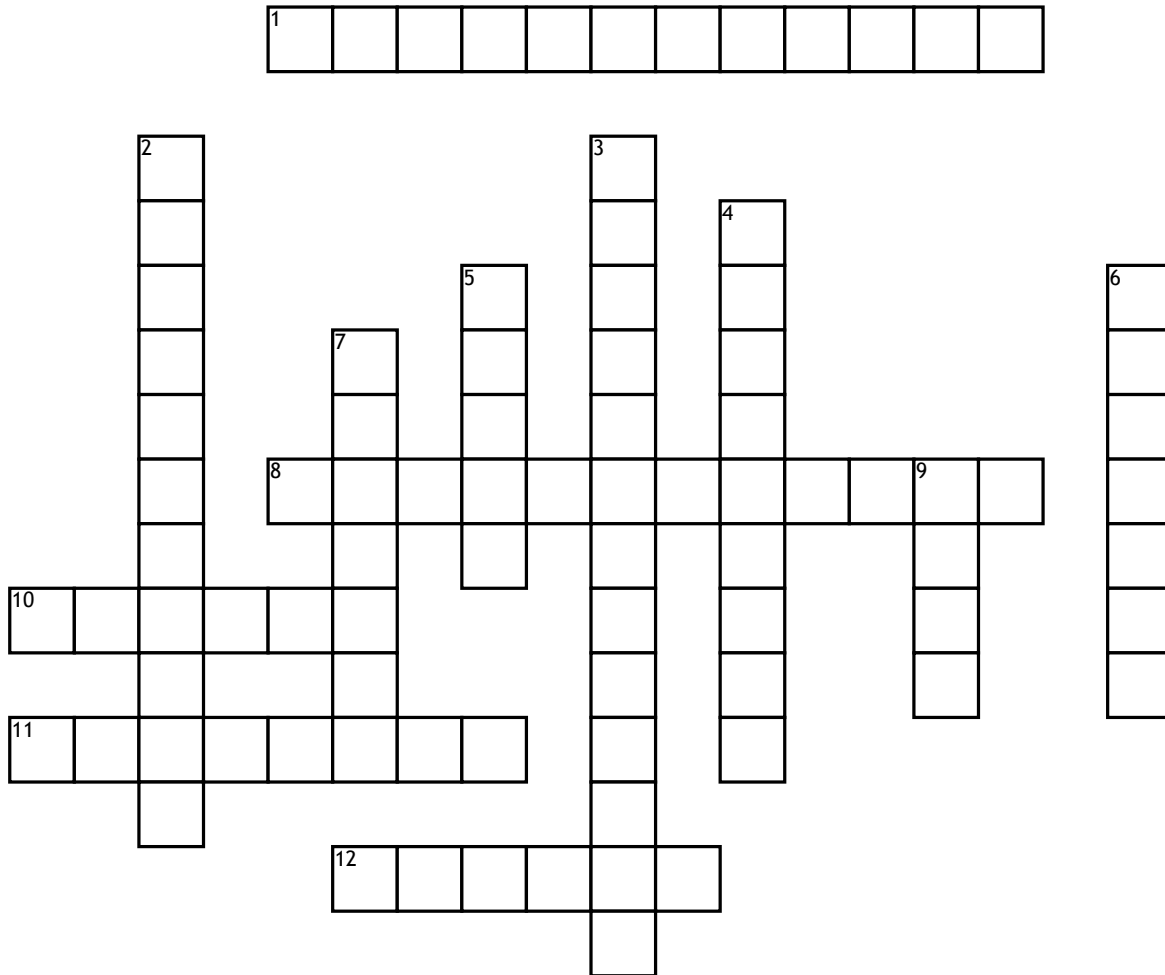


Physics in Sports #1



Across

1. Energy cannot be created nor destroyed.
 8. This is usually about 0.20 seconds for the average human. (2 wds.)
 10. When you go to the moon, this will be different.
 11. No air drag and heading towards Earth.

12. Usually measured in Joules.

Down

2. If you show up unexpectedly in my house, I may have this in my hand.
 3. If you double your speed, you will quadruple this. (2wds)
 4. This energy is known as stored energy.

5. The acceleration of an object is proportional to this.

6. Force is measured in these units.
 7. An object at rest remains at rest thanks to the Law of
 9. It's the measure of inertia.