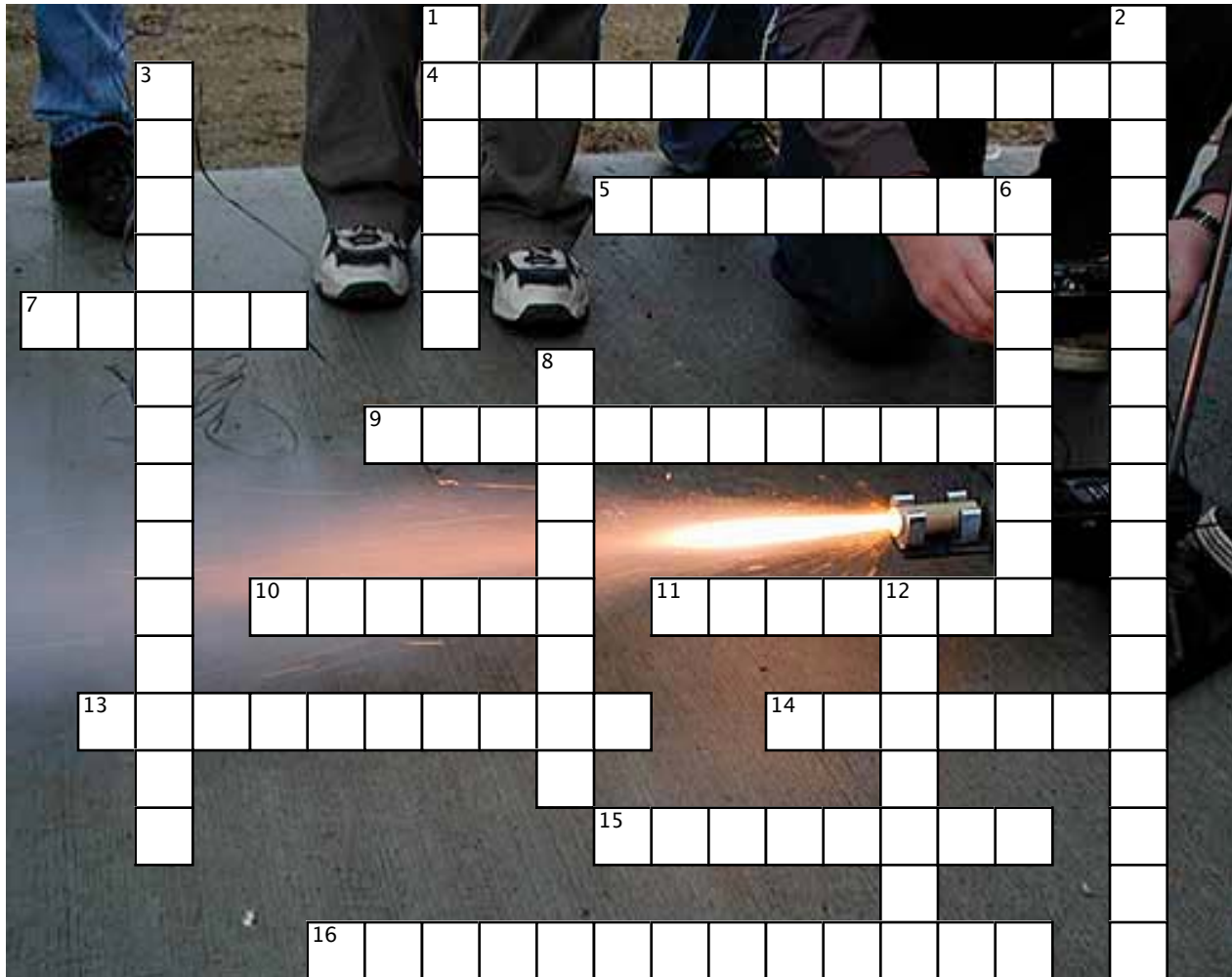


Section 8.1 - Forces



Across

4. This type of force is due to the pushing and pulling caused by electrically charged particles.
5. Larger masses are often expressed with this unit.
7. Many people think bathroom scales measure mass, but they really measure this.
9. Measuring mass is best done with this.
10. Force is expressed with this unit.
11. This force exerts itself when a stretched or compressed object restores itself to normal shape.
13. When forces cause a change in the speed or direction of an object.
14. Forces that can only affect objects they touch are known as _____ forces.
15. This type of force works to slow down motion by rubbing.
16. The force of attraction between objects because they have mass.

Down

1. The amount of force due to gravity is known as _____.
2. Forces that can affect objects without touching them belong to this category of forces.
3. Air friction is commonly referred to as this.
6. This type of force exerts pushing or pulling forces on certain metals such as iron, nickel, and cobalt.
8. When forces are equal in strength and opposite to each other.
12. The type of force experienced by a wire or rope as it is pulled.