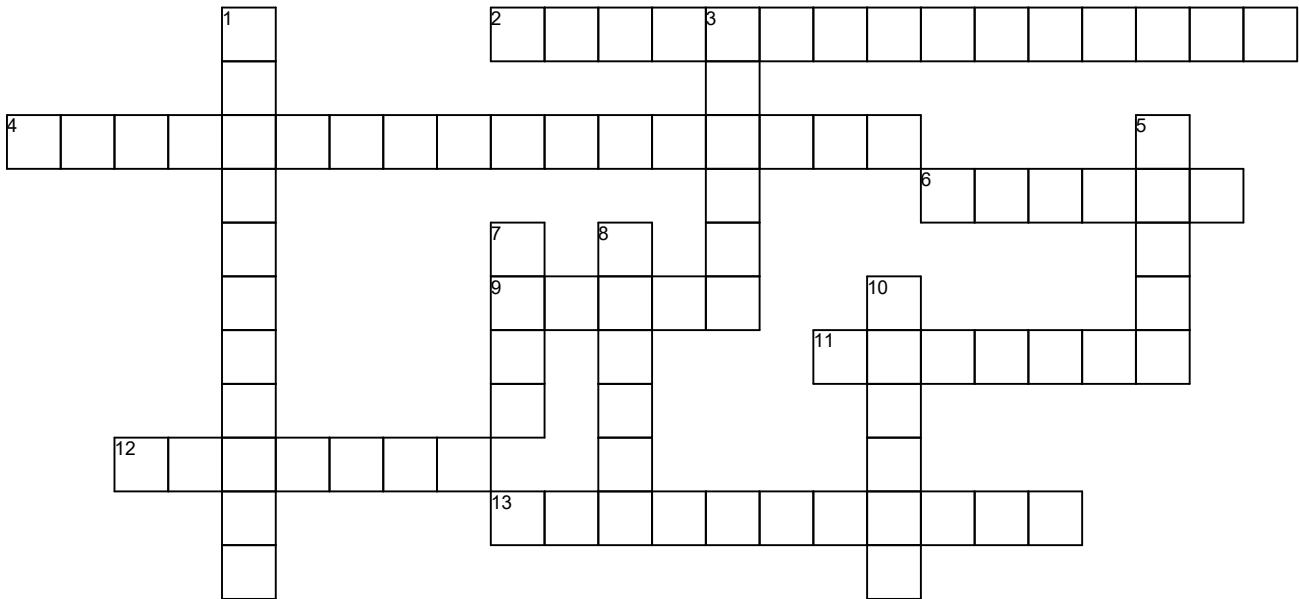


Newton's Third Law Crossword Puzzle

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

DOWN

- | | |
|---|--|
| <p>2. States that for every action, there is an equal and opposite reaction.</p> <p>4. Objects that affect one another.</p> <p>6. Unit of measurement for force.</p> <p>9. The source a force.</p> <p>11. To strike or hit something with any amount of force.</p> <p>12. An attractive force that exists between all objects that have mass.</p> <p>13. It is equal in strength and opposite in direction to the reaction force, and acts simultaneously on whatever is exerting the reaction force.</p> | <p>1. A tool that measures a pulling force by the tension on a spring; the force is measured in Newtons.</p> <p>3. The thing upon which forces act.</p> <p>5. A push or pull that can change the motion of an object.</p> <p>7. The amount of matter in an object.</p> <p>8. Pull of gravity on an object.</p> <p>10. The change in an object's position with respect to time and in comparison to the position of other objects used as reference points.</p> |
|---|--|

weight

mass

gravity

force

agent

interacting object

collide

Spring Scale

object

Newton's Third Law

motion

action force

Newton