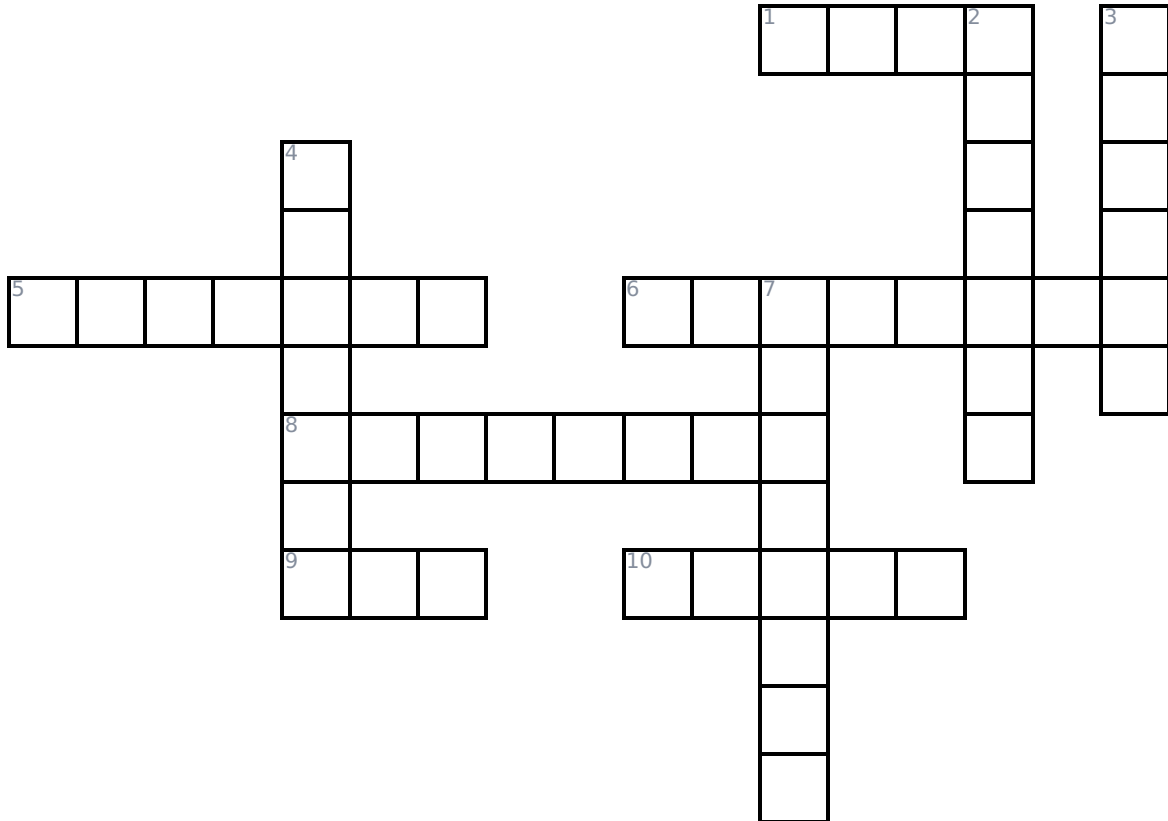


Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Early Physics Fun: Trampolines: Criss Cross

Answer clues based on the content and vocabulary words from Early Physics Fun: Trampolines. Look for hints in the Word Bank. Print the puzzle or use on your tablet, phone, or computer.



## Across

1. Stored energy is greatest at the highest point of your \_\_\_\_.
5. \_\_\_\_ energy is energy associated with motion.
6. Potential energy is energy associated with \_\_\_\_.
8. Newton's Third Law of Motion states that for every action there is an equal and opposite \_\_\_\_.
9. A \_\_\_\_ is a basic rule or principle.
10. \_\_\_\_ is an influence that tends to produce a change in the speed or direction of motion of something.

## Down

- 2. \_\_\_\_ is the science that involves the study of matter and how it moves through space and time.
- 3. To grow larger or wider as a result of being released from pressure is to \_\_\_\_.
- 4. Hooke's law states that a stretched spring wants to return to its \_\_\_\_, unstretched state.
- 7. To draw or squeeze together so as to make or become smaller or shorter and broader is to \_\_\_\_.

## Word Bank

CONTRACT  
KINETIC  
LOCATION

EXPAND  
LAW  
JUMP

FORCE  
REACTION

NATURAL  
PHYSICS

# Answer Key

