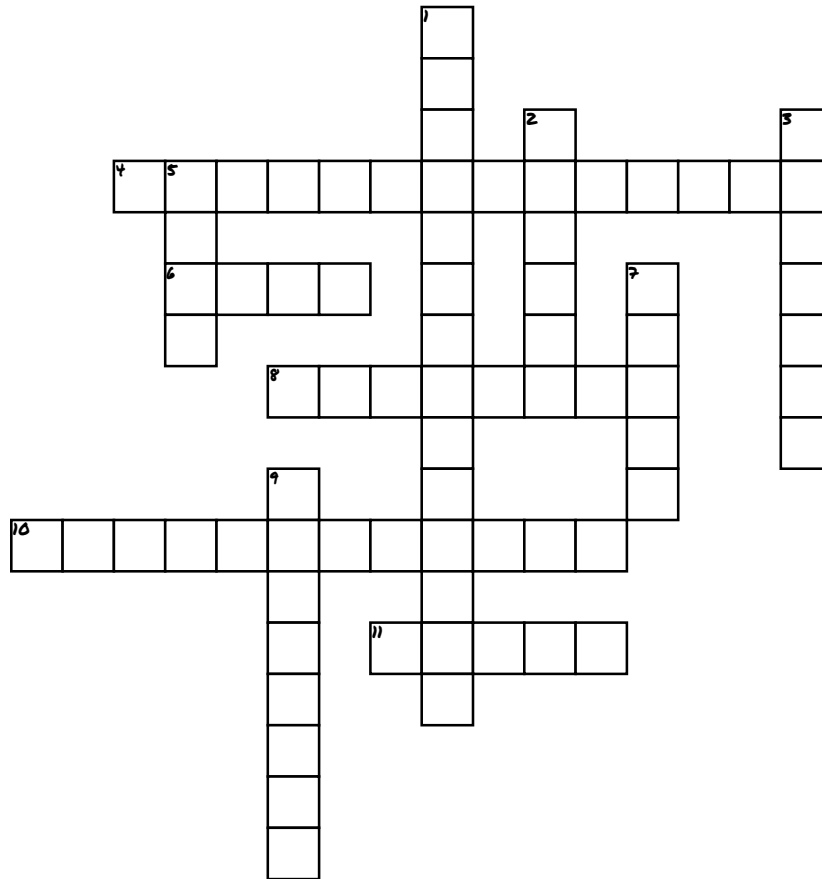


Name: _____ Date: _____ Period: _____

NEWTON LAW'S



ACROSS

4. UNBALANCED FORCES WHEN ONE PLAYER EXERTS AN HIT ON ANOTHER PLAYER TO CHANGE THE?
6. A MEASURE OF ITS RESISTANCE TO ACCELERATION (A CHANGE IN ITS STATE OF MOTION) WHEN A NET FORCE IS APPLIED?
8. ITS MASS AND MOTION AND THAT IS EQUAL TO THE PRODUCT OF THE BODY'S MASS AND VELOCITY
10. A VECTOR QUANTITY THAT IS DEFINED AS THE RATE AT WHICH AN OBJECT CHANGES ITS VELOCITY.
11. A PUSH OR PULL UPON AN OBJECT RESULTING FROM THE OBJECT'S INTERACTION WITH ANOTHER OBJECT.

DOWN

1. NEWTON'S THIRD LAW IS SOMETIMES CALLED?
2. THE FORCE WITH WHICH AN OBJECT NEAR THE EARTH OR ANOTHER CELESTIAL BODY IS
3. A PLAYER'S NATURAL RESISTANCE TO AN UNBALANCED FORCE IS CALLED?
5. NEWTON'S THIRD LAW HAS TO DO WITH MOMENTUM. THE FORMULA FOR MOMENTUM IS?
7. WHAT THE FORMULA FOR NEWTON'S SECOND LAW ?
9. AN OBJECT IS THE RATE OF CHANGE OF ITS POSITION WITH RESPECT TO A FRAME OF REFERENCE, AND IS A FUNCTION OF TIME.

WORD BANK

$F = M \times A$

ACTION-REACTION

VELOCITY

MOMENTUM

INERTIA

MASS

WEIGHT

$P = MV$

ACCELERATION

FORCE

SPEED DIRECTION