

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

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

# Projectile Motion

## Across

3. in a vertically launched projectile, what increases on the way down?

6. which component changes due to gravity?

10. is there a vertical velocity at the top of the trajectory?

12. what is the value of the initial vertical velocity of a projectile that is launched horizontally?

15. an object which projected by some means and continues to move due to its own inertia

16. on a horizontal component what remains constant?

17. what changes in a vertical component?

19. what happens to the magnitude as the projectile moves up?

20. a component of a projectile

## Down

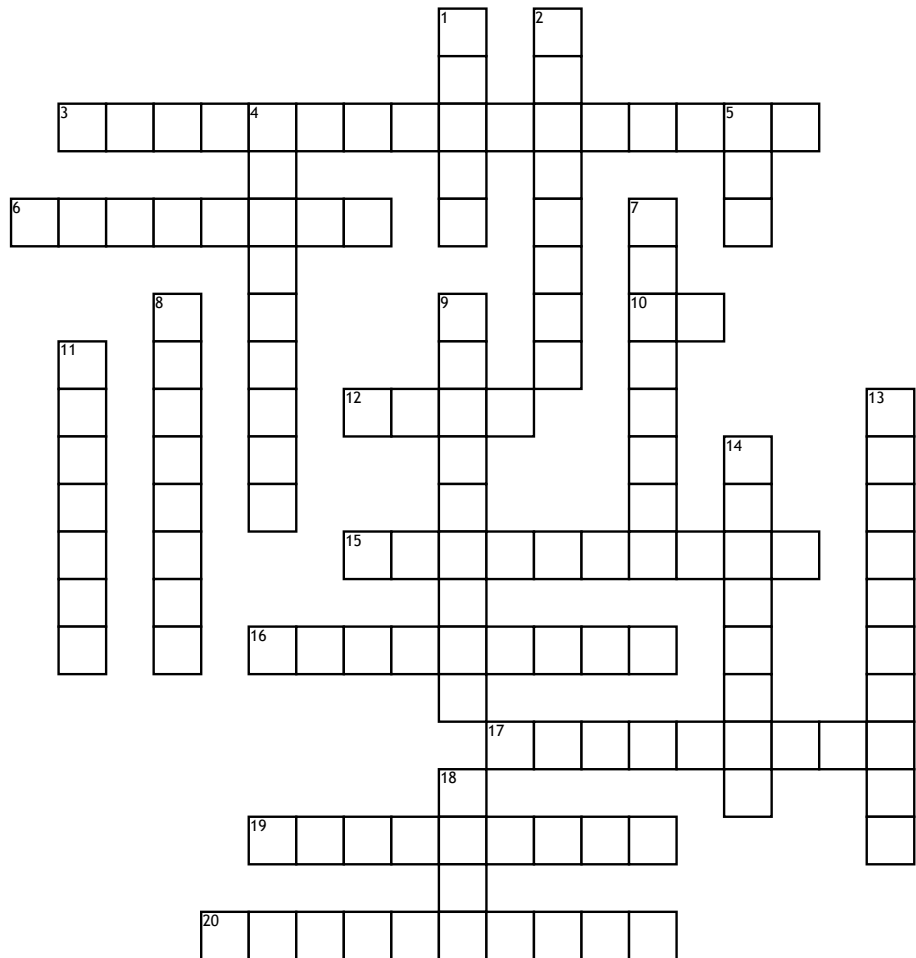
1. does the horizontal "velocity" component change?

2. What remains constant in a horizontally launched projectile?

4. what happens to the magnitude as the projectile moves down?

5. how many components does a projectile have

7. in a horizontal component, does the direction change or remain constant?



8. a component of a projectile

9. what type of path is the trajectory?

11. what does not work horizontally to increase or decrease velocity

13. when launched at an angle, the velocity must be broken down into what?

14. in a vertically launched projectile, what decreases on the way upward?

18. what is y equal to when it begins and ends at ground level?

