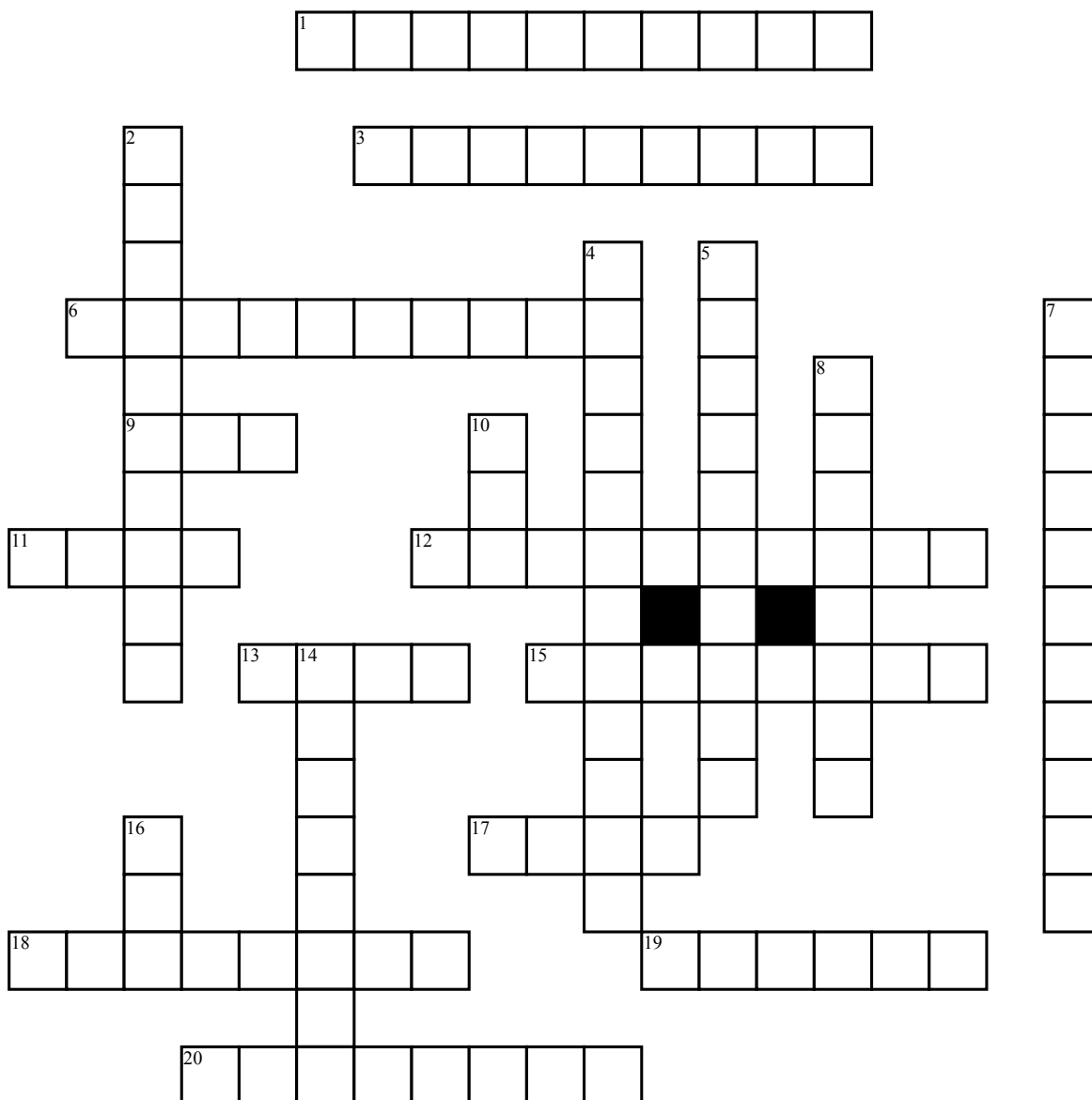


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Linear Crossword Puzzle: Kyle Hart



## Across

1. What is the slope of the equation  $-3x+4y=2$ ?
3. What is the y intercept of  $2y=4x+7$ ?
6. What is the y intercept of the equation  $5y=2x+7$ ?
9. Find the slope of a line that is parallel to  $5x+1/2y=10$ .
11. What is the slope of the equation  $3y=0$ ?
12. A line with a slope of 0 is \_\_\_\_\_.
13. Find the y intercept of  $2y+3x=4$ .

15. A line with an undefined slope is \_\_\_\_\_.

17. Find the slope of  $y-10=4(x-15)$ .
18. What is the slope of a line that is perpendicular to the line that goes through (2, 9) and (4, 4).
19. What is the y intercept of  $y=9x+20$ ?
20. What is the slope of a line that is perpendicular to the line that goes through (5, 10) and (7, 2).

## Down

2. Find the slope of  $3y+5x=17$ .

4. What is the x intercept of  $-5x+4y=20$ ?
5. What is the direction of the line that goes through (4, 7) and has a slope of 0?
7. What is the y intercept of the equation  $-y=-3x+1$ ?
8. What is the direction of the line that goes through (2, 2) and has an undefined slope?
10. Find the slope of  $y-1=2(x-5)$ .
14. Find the slope of a line that is parallel to  $2/5x+2y=15$ .
16. What is the x intercept of  $y = x$  squared  $- 4$