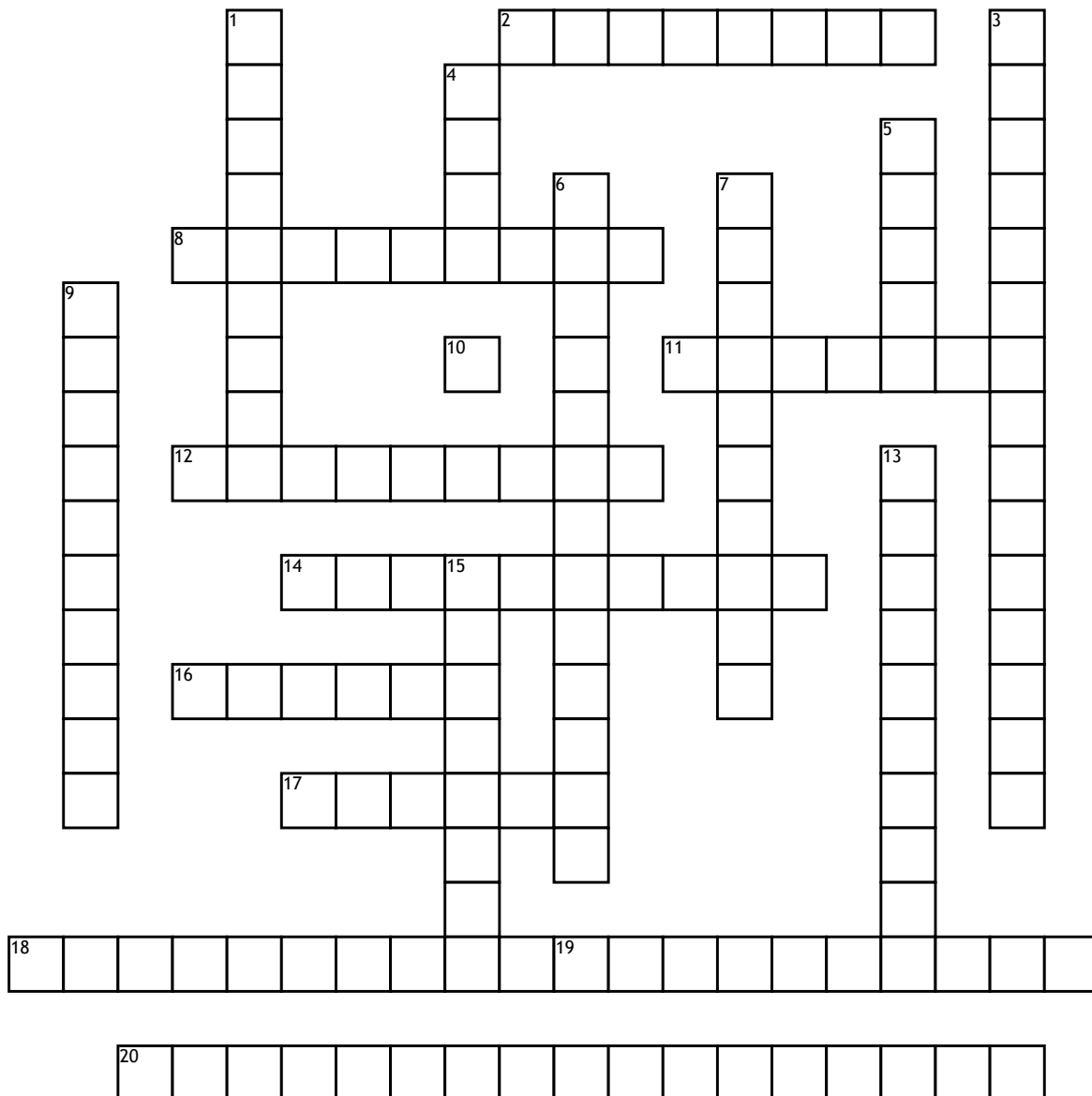


Name: _____

VECTORS!



Across

- 2. vector quantity
- 8. angle of vector
- 11. find horizontal and vertical components
- 12. sum of 2 vectors
- 14. horizontal and vertical changes of a vector
- 16. entity with magnitude and direction
- 17. real number

18. changes vector length or direction

20. $a\mathbf{i} + b\mathbf{j}$

Down

- 1. length of vector
- 3. vector with tail at origin
- 4. vector with magnitude 1
- 5. vectors with same magnitude and direction

6. $\langle a, b \rangle$

7. vector that can be found in space

9. perpendicular vectors

10. unit vector $\langle 0, 1 \rangle$

13. vector operation changes to real number

15. vectors with equal or opposite direction

19. unit vector $\langle 1, 0 \rangle$