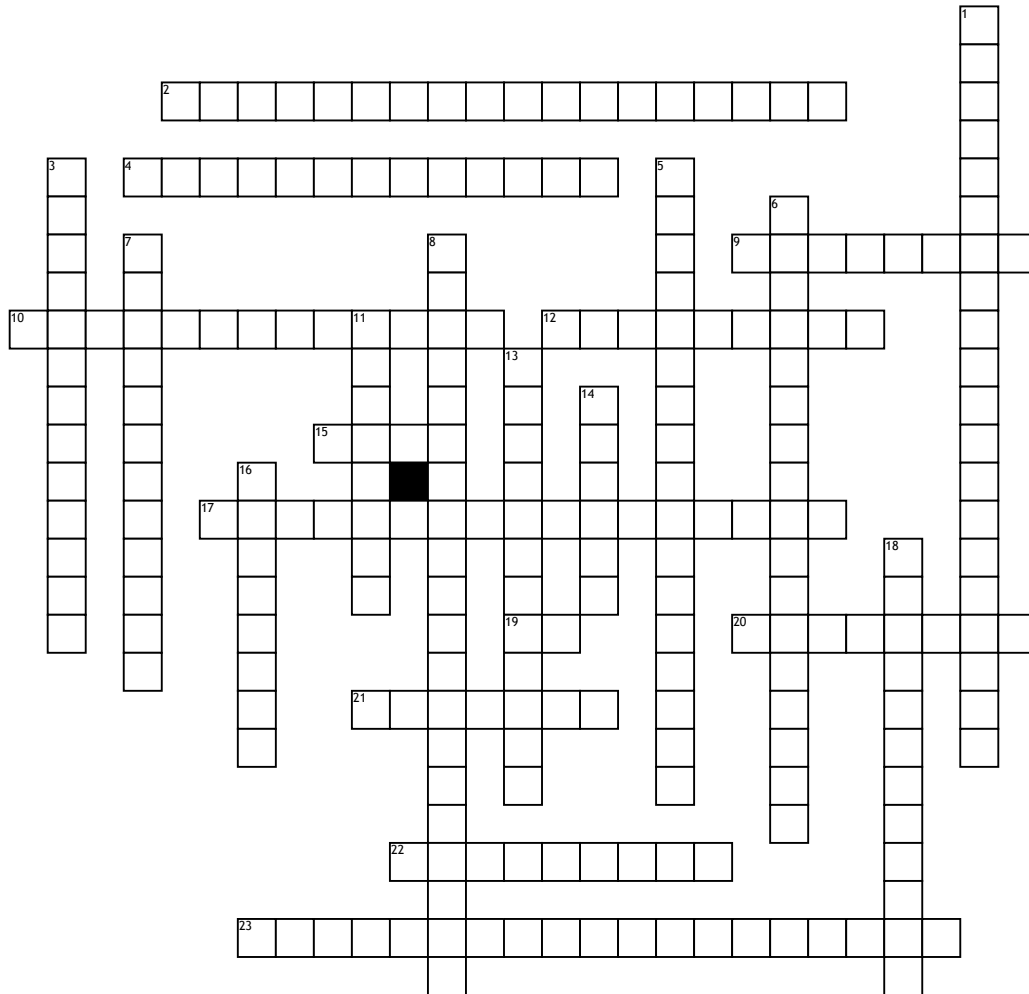


Name: \_\_\_\_\_

# motion x word



## Across

- 2. knowledge gained through observation or measurement
- 4. when adding/or subtracting values
- 9. reducing the results of a calculation to the appropriate number
- 10. travelling the same distance over successive equal time
- 12. the place value of the last digit obtained from a measurement or calculation
- 15. duration between 2 events
- 17. an indication of the certainty of a measurement
- 19. the international system of units

- 20. speed in a stated direction
- 21. a straight line that just touches a curve at one point
- 22. an expression of the level confidence in a value
- 23. the acceleration of an object over a fairly large time interval

## Down

- 1. a rate of change in speed or velocity
- 3. also known as "constant speed"
- 5. a graph in which velocity is plotted on the y-axis
- 6. a graph in which position is plotted on the y-axis

- 7. a change in position
- 8. knowledge that we cannot observe
- 11. the straight-line distance and direction from a reference point
- 13. the total distance divided by the total time for a trip or other extended time of period
- 14. a line segment representing the size and direction of a vector quantity
- 16. length of a path travelled
- 18. the rate of change in speed

## Word Bank

velocity-time graph  
precision rule  
precision  
average acceleration  
constant speed  
time

position-time graph  
theoretical knowledge  
position  
distance  
uniform motion  
SI

velocity  
rounding  
acceleration  
constant acceleration  
vector  
displacement

significant digits  
tangent  
average speed  
certainty  
empirical knowledge