Test Format

Part A: Matching (~5)

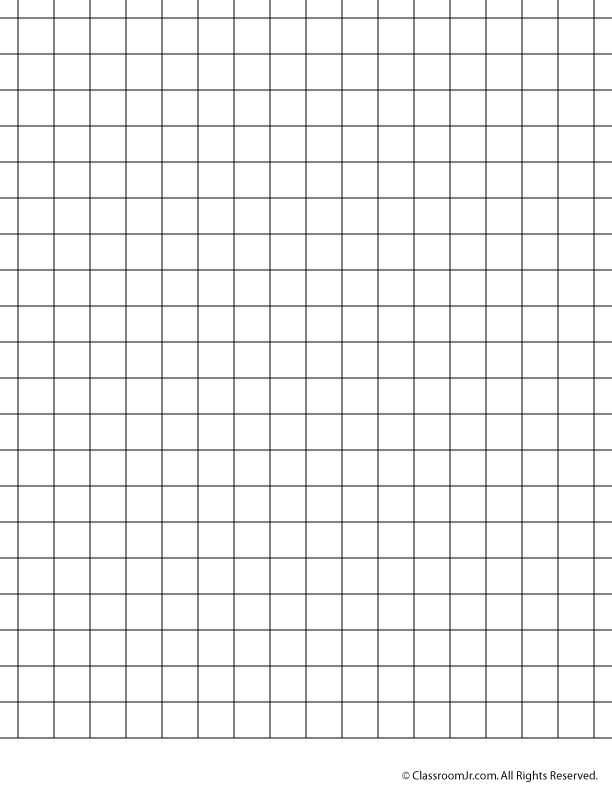
Part B: Multiple Choice (~10)

Part C: Long Answer (~7)

Test Content

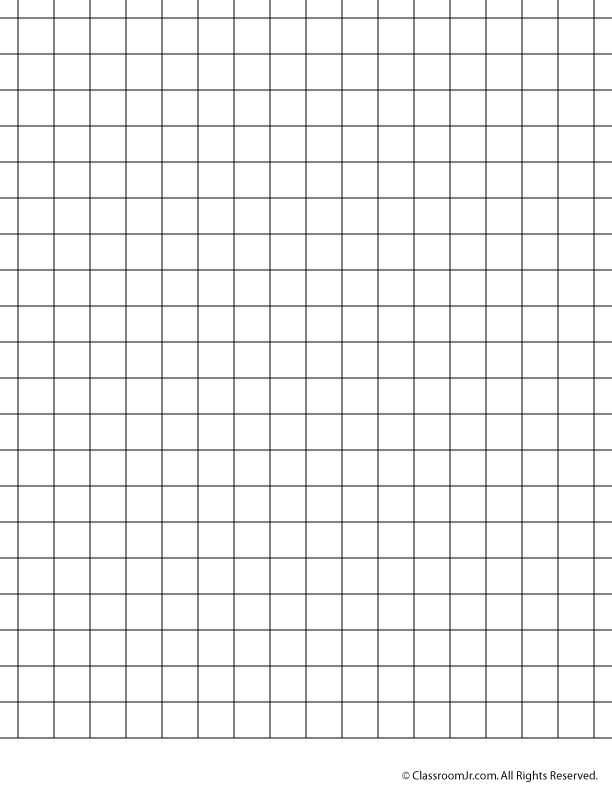
1. Vectors vs Scalars and Distance vs Displacement
2. Significant Figures
3. 1-D displacements
4. Speed and Velocity (equations and graphing)
5. Graphing
   1. P vs T, V vs T, A vs T, how they are connected. (slope, area under the curve)
6. S=d/t, V=d/t, d=p2-p1

|  |  |
| --- | --- |
| Time (s) | Position (m) |
| 0 | 0 |
| 1 | 25 |
| 2 | 100 |
| 3 | 225 |
| 4 | 400 |
| 5 | 625 |
|  |  |



1. Graph the P vs T
2. Find the slope between each point.
3. Graph a velocity Time graph

|  |  |
| --- | --- |
| Time (s) | Velocity (m/s) |
| 0 | 0 |
| 0.5 | 25 |
| 1.5 | 75 |
| 2.5 | 125 |
| 3.5 | 175 |
| 4.5 | 225 |
|  |  |



1. What is this objects total displacement after 5s?
2. What is the acceleration and please graph?

