Name: Date:

# Motion

2.01A - I know the difference between position, distance, and displacement (change in position) and I can determine each.
2.02A - I can interpret/draw position-time graphs in terms of the direction of motion, starting position, relative speed, and whether it shows constant velocity.
2.02B - I can interpret/draw position-time graphs with uniform acceleration.
2.03B - I can calculate the velocity or speed from a position-time graph for an object moving at constant velocity over a specified time interval.
2.04A - I can interpret/draw velocity vs. time graphs for objects moving with constant velocity.
2.04B - I can use a velocity-time graph to determine acceleration and starting velocity. I can distinguish the concepts of velocity and acceleration.
2.05B - I can calculate the distance an object has traveled and its change in position from a velocity-time graph
2.06C - I can connect representations of an accelerating object, including x-t graphs, v-t graphs, and a-t graphs, strobe diagrams/motion maps, and written descriptions for objects moving in the positive or negative direction
2.07B - I can use the constant velocity model to solve problems.
2.07C - I can use the constant velocity model to solve advanced problems that may require systems of equations.
2.08B - I can use the constant acceleration model to solve problems.
2.08C - I can use the constant acceleration model to solve advanced problems.

Parking Lot

Name: Date:

# Motion

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Parking Lot