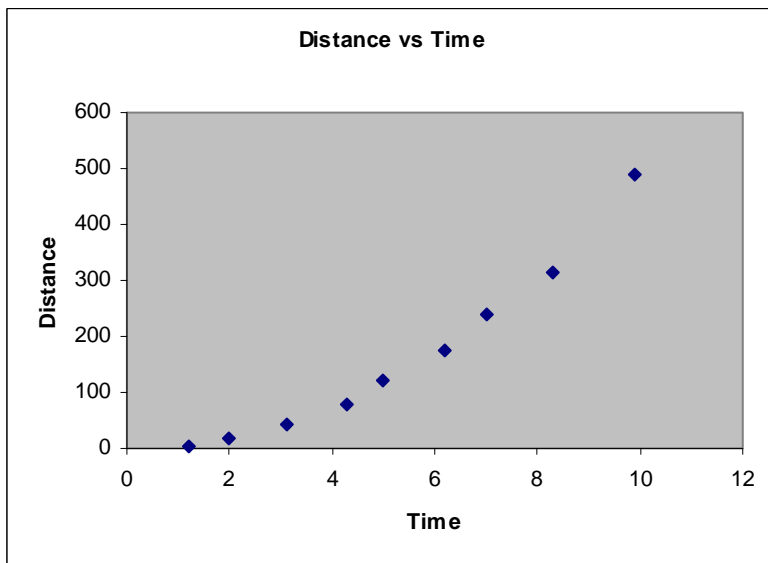


“Graphing” Answers

Distance (meters)	Time (seconds)	Time ² (seconds ²)
7.06	1.2	1.44
19.62	2	4
47.13	3.1	9.61
90.69	4.3	18.49
122.62	5	25
188.5	6.2	38.44
240.35	7	49
337.9	8.3	68.89
480.7	9.9	98.01

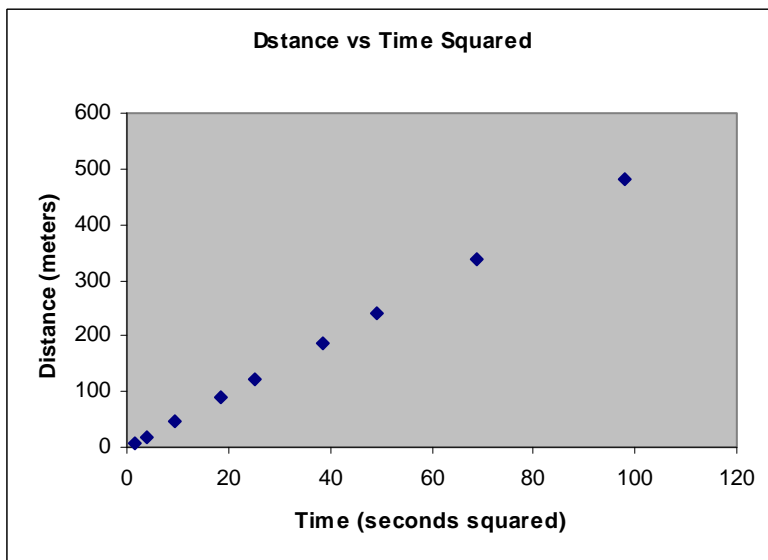
PROCEDURE 1:

1.



Quadratic

2.



Linear

QUESTIONS:

1. Acceleration
2. Constant acceleration

Summary: A graph can show whether motion is changing or constant.