

Distance Formula

$$S = V(0) \cdot t + \frac{1}{2} \cdot A \cdot t^2$$

V0 =	5.0
A1 =	0.0
A2 =	0.5
A3 =	1.0
A4 =	1.5

{home}{menuxy 6,2}{menuoff}{menuwidth 16}{menujump start}

Distance Graph  
Display Distance Travelled Graph

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/gnudist~v  
{esc 2}{menujump start}
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Contributed by William Fergersen

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m/s  
m/s^2  
m/s^2  
m/s^2  
m/s^2

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Time(s)

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0  
2  
4  
6  
8  
10  
12  
14  
16  
18  
  
2  
4  
6  
8  
10

Velocity Graph                      Exit  
Display Final Velocity Graph      Exit to the Operating System

/gnuVelo~v  
{esc 2}{menujump start}

{menuon}~

Sheet1

Err:522 Err:522 Err:522 Err:522 Err:522 Err:522 Err:522 Err:522

AS-EASY-AS User

Leave comments on the TRIUS BBS  
Directly to Mr. Fergesen.

This sample worksheet calculates  
and displays results of the  
general purpose distance  
equation.

It was developed using AS-EASY-AS  
v5.5 & v5.7, but it will probably  
work with any spreadsheet  
program that reads WKS files.

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| S(A1) | S(A2) | S(A3) | S(A4) | V(A0) | V(A1) | V(A2) | V(A3) |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 5     | 5     | 5     | 5     |
| 10.0  | 11.0  | 12.0  | 13.0  | 5     | 6     | 7     | 8     |
| 20.0  | 24.0  | 28.0  | 32.0  | 5     | 7     | 9     | 11    |
| 30.0  | 39.0  | 48.0  | 57.0  | 5     | 8     | 11    | 14    |
| 40.0  | 56.0  | 72.0  | 88.0  | 5     | 9     | 13    | 17    |
| 50.0  | 75.0  | 100.0 | 125.0 | 5     | 10    | 15    | 20    |
| 60.0  | 96.0  | 132.0 | 168.0 | 5     | 11    | 17    | 23    |
| 70.0  | 119.0 | 168.0 | 217.0 | 5     | 12    | 19    | 26    |
| 80.0  | 144.0 | 208.0 | 272.0 | 5     | 13    | 21    | 29    |
| 90.0  | 171.0 | 252.0 | 333.0 | 5     | 14    | 23    | 32    |
| 10.0  | 11.0  | 12.0  | 13.0  | 5     | 6     | 7     | 8     |
| 20.0  | 24.0  | 28.0  | 32.0  | 5     | 7     | 9     | 11    |
| 30.0  | 39.0  | 48.0  | 57.0  | 5     | 8     | 11    | 14    |
| 40.0  | 56.0  | 72.0  | 88.0  | 5     | 9     | 13    | 17    |
| 50.0  | 75.0  | 100.0 | 125.0 | 5     | 10    | 15    | 20    |

{menujump start}