

Sample Spreadsheet for Algebra in Balance

TIME (SEC)	BALLOON DISTANCE (FT) $y = -x^2 + 6x$	DART DISTANCE (FT) $y = 2x$
0	0	0
1	5	2
2	8	4
3	9	6
4	8	8
5	5	10
6	0	12
7	-7	14
8	-16	16
:	:	:

Before balloon or dart have moved

*Balloon and dart in same place
Time, 4 sec; Distance, 8 feet*