The result of parabola equation:

Matrix equation is =

1 1 1

4 -2 1

0 0 1

0

21

1

The augmented matrix is =

1 1 1 0

4 -2 1 21

0 0 1 1

The transformed upper triangular augmented matrix C is =

1 1 1 0

0 -6 -3 21

0 0 1 1

The vector solution is =

3

-4

1

The parabola equation solution is =

a1 = 3

a2 = -4

a3 = 1

A screenshot of a map

Description automatically generated

The Parabola Result