Quadratic Equation

The quadratic equation is:
$$34x^2 - 23y + 8$$

Coefficient Matrix

The coefficient matrix is:
$$\begin{pmatrix} 34 & 0 & 0 \\ 0 & 0 & -5.75 \\ 0 & -5.75 & 8 \end{pmatrix}$$

Curve Type

The type of the curve is: Parabola