

Explore conics using a combination of Form and sliders.

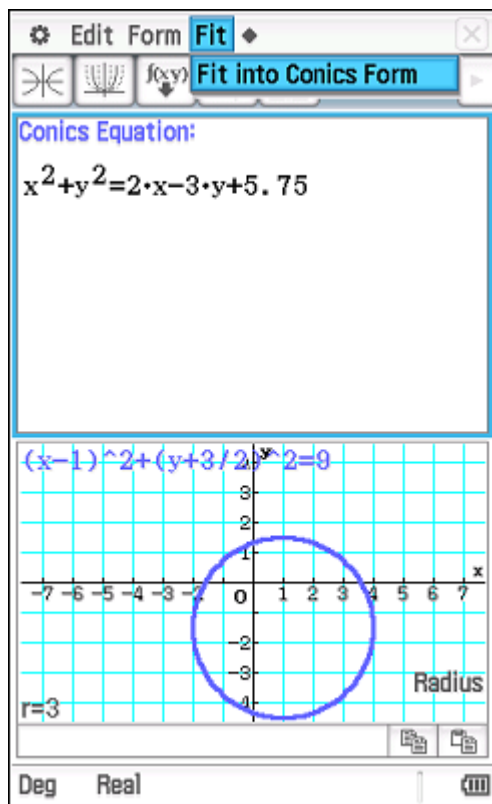
Choose a Form.

Tap .

Tap back into the function window and tap Fit, Fit into Conics Form.

Choose an appropriate form and tap OK.

Drag the sliders to a convenient location and adjust the sliders.



Edit Form Fit

Fit into Conics Form

Conics Equation:

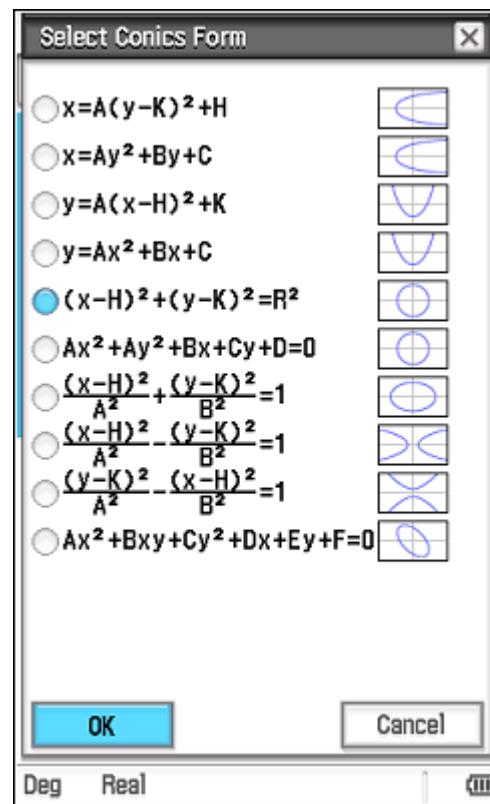
$$x^2+y^2=2\cdot x-3\cdot y+5.75$$

$(x-1)^2+(y+\frac{3}{2})^2=9$

Radius

$r=3$

Deg Real

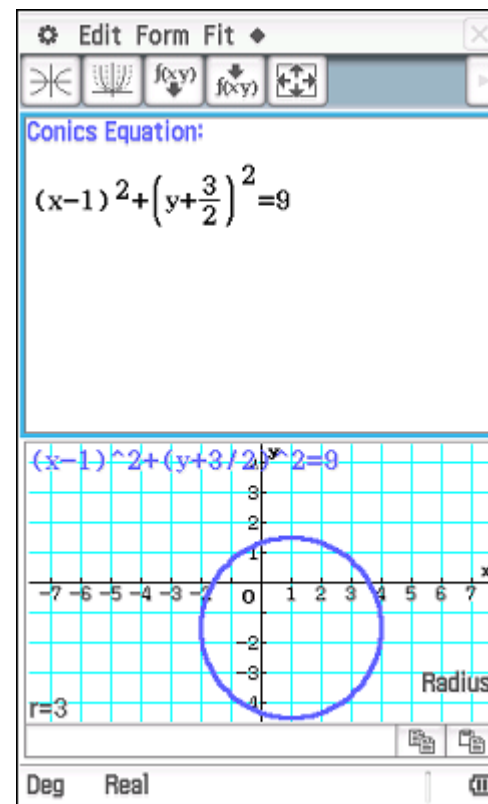


Select Conics Form

- $x=A(y-K)^2+H$
- $x=Ay^2+By+C$
- $y=A(x-H)^2+K$
- $y=Ax^2+Bx+C$
- $(x-H)^2+(y-K)^2=R^2$
- $Ax^2+Ay^2+Bx+Cy+D=0$
- $\frac{(x-H)^2}{A^2}+\frac{(y-K)^2}{B^2}=1$
- $\frac{(x-H)^2}{A^2}-\frac{(y-K)^2}{B^2}=1$
- $\frac{(y-K)^2}{A^2}-\frac{(x-H)^2}{B^2}=1$
- $Ax^2+Bxy+Cy^2+Dx+Ey+F=0$

OK Cancel

Deg Real



Edit Form Fit

Conics Equation:

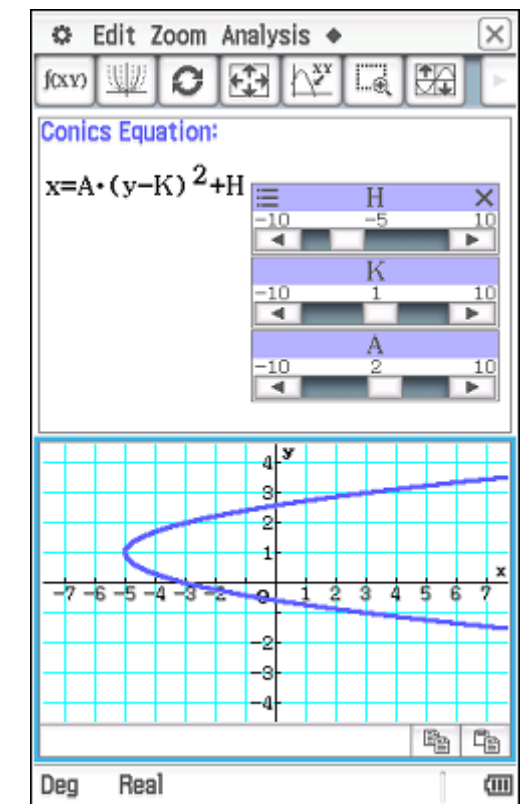
$$(x-1)^2+(y+\frac{3}{2})^2=9$$

$(x-1)^2+(y+\frac{3}{2})^2=9$

Radius

$r=3$

Deg Real



Edit Zoom Analysis

Conics Equation:

$$x=A\cdot(y-K)^2+H$$

H: -10 to 10

K: -10 to 10

A: -10 to 10

$x=A\cdot(y-K)^2+H$

Deg Real