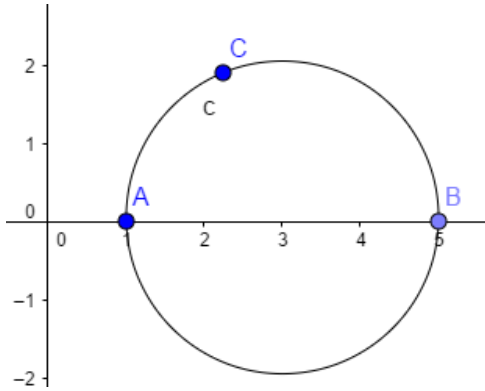


EXPLORING CONIC SECTIONS Assignment

Write the center, intercepts and name of the conic section in each question.

1.

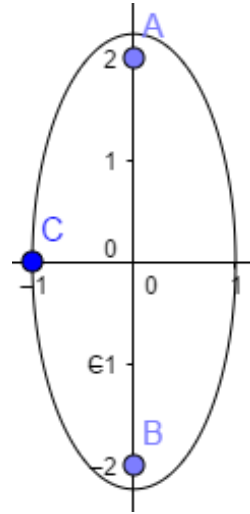


Centre: _____

Intercepts: _____

Name: _____

2.

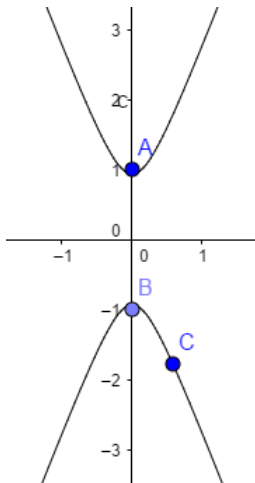


Centre: _____

Intercepts: _____

Name: _____

3.



Centre: _____

Intercepts: _____

Name: _____

EXPLORING CONIC SECTIONS Assignment

Identify the conic section represented by the given equation.

1. $5x^2 + 5y^2 = 25$

2. $9x^2 + 4y^2 = 36$

3. $x^2 - y^2 = 36$

4. $x^2 = 52y$

5. $z^2 - y^2 = 25$

6. $3y^2 + 3z^2 = 27$

7. $4y^2 + 13z^2 = 52$

Identify the conic section made in each case.

1.



2.



3.



4.

