AOS Math 10 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_

Homework Quiz 16/A (Non-Calculator)

On my Honor, I will not accept or provide any unauthorized aid on any test, quiz, or assignment.

Sign\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date : \_\_\_\_\_\_\_\_\_\_\_\_

1. **Find center and axis** Find the center and both axis lengths of the following. Also state if the major axis is along the or axis directions.
2. **Find vertices** Find the vertices of the following.
3. **Write an equation.** Find the equation of an ellipse in standard form with vertices: ,
4. **Find the focus.** If an ellipse has a major axis of 12 and a minor axis of 6, what is the distance from the center to a focus?
5. **Calculate eccentricity.** Find the eccentricity of

AOS Math 10 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_

Homework Quiz 16/B (Non-Calculator)

On my Honor, I will not accept or provide any unauthorized aid on any test, quiz, or assignment.

Sign\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date : \_\_\_\_\_\_\_\_\_\_\_\_

1. **Find center and axis** Find the center and both axis lengths of the following. Also state if the major axis is along the or axis directions.
2. **Find vertices** Find the vertices of the following.
3. **Write an equation.** Find the equation of an ellipse in standard form with vertices: ,
4. **Find the focus.** If an ellipse has a major axis of 10 and a minor axis of 6, what is the distance from the center to a focus?
5. **Calculate eccentricity.** Find the eccentricity of

AOS Math 10 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_

Homework Quiz 16/C (Non-Calculator)

On my Honor, I will not accept or provide any unauthorized aid on any test, quiz, or assignment.

Sign\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date : \_\_\_\_\_\_\_\_\_\_\_\_

1. **Find center and axis** Find the center and both axis lengths of the following. Also state if the major axis is along the or axis directions.
2. **Find vertices** Find the vertices of the following.
3. **Write an equation.** Find the equation of an ellipse in standard form with vertices: ,
4. **Find the focus.** If an ellipse has a major axis of 12 and a minor axis of 10, what is the distance from the center to a focus?
5. **Calculate eccentricity.** Find the eccentricity of