

10BC

Circles & Ellipses

Skills Check Review

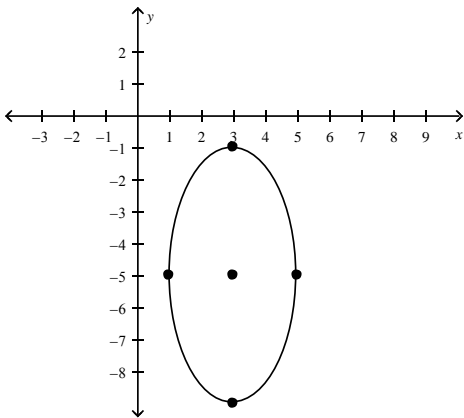
Ellipse/Circle Review: a) write the equation b) state all critical info c) sketch, stating domain and range

- 1. Circle:
Center $(-5, 3)$
Radius $= 4\sqrt{3}$
- 2. Circle:
Center $(7, -3)$
Point $(2, 4)$
- 3. Circle:
End points diameter
 $(0, -5)$ and $(2, -7)$

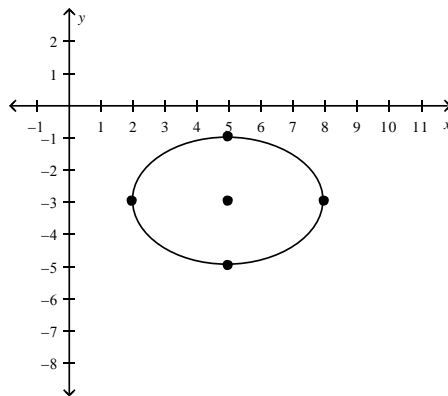
- 4. Ellipse:
Center $(-1, 2)$
Focus: $(-3, 2)$, Vertex $(-5, 2)$
- 5. Ellipse:
Major Axis Length: 10
Minor Axis Length: 6
- 6. Ellipse:
Foci: $(-1, 0)$ $(1, 0)$
Major Axis Length: 4

For the following graphs, write the equation of the graphs, and state the foci

7.



8.



9.

