

#17

The equation of a circle is  $x^2 + y^2 - 8x = -7$ .

What is the center and the radius of the circle?

- A. Center (0, 8);  $r = 7$
- B. Center (8, 0);  $r = 7$
- C. Center (4, 0);  $r = 3$
- D. Center (4, 0);  $r = 9$

# #18

Calculator - NEUTRAL

Which of these statements are true about the incenter of a triangle? *Select all that apply.*

- The incenter is the point of concurrency of the medians of the triangle.
- The incenter is equidistant from the sides of the triangle.
- The incenter is equidistant from the vertices of the triangle.
- The incenter is the point of concurrency of the angle bisectors of the triangle.
- The incenter is the center of a circle inscribed in a triangle.
- The incenter is the center of a circle that includes the three vertices of the triangle.
- The incenter is the center of gravity of the triangle.