

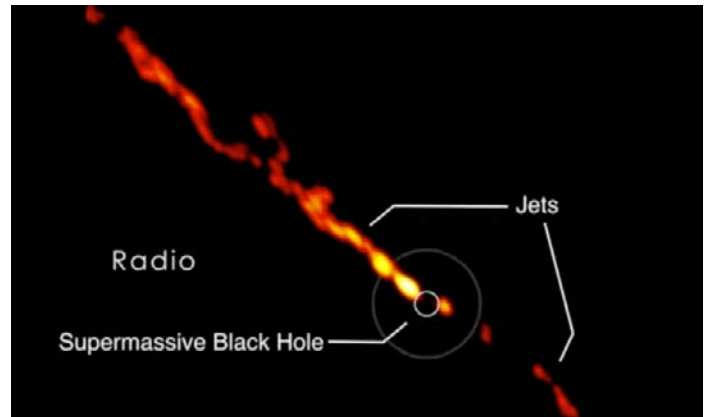
Radio Telescopes Zoom into a Black Hole's Jets

Name _____ Date _____

Directions: Write your responses on this sheet or on separate paper.

1. What is a *black hole*, and what are *particle jets*?

2. Why does this black hole produce jets, as shown in the picture?



3. Why are astronomers studying black holes? What do they hope to learn?

4. Centaurus A has a super-massive black hole at its center. Do you think the Milky Way Galaxy also has black holes? Why or why not?

5. How is the galaxy Centaurus A similar to our own Milky Way Galaxy?