

Name \_\_\_\_\_

## Black Hole Comprehension Answer Key

1. A black hole forms when a massive star runs out of fuel and collapses under its own gravity.
2. The singularity is the incredibly dense point at the center of a black hole.
3. Black holes are invisible because light cannot escape from them.
4. Scientists detect black holes by observing how they affect nearby stars and gas.
5. An accretion disk is a spinning disk of matter being pulled into a black hole that heats up and glows.
6. Supermassive black holes are usually found at the centers of galaxies.
7. Stellar black holes, supermassive black holes, and intermediate black holes.