Name _____ Date _____ Class _____

Content Vocabulary

LESSON 3

Evolution of Stars

Directions: *Each of the sentences below is false. Make the sentence true by replacing the underlined word(s) with a term from the list below. Write your changes on the lines provided. NOTE: You may need to change a term to its plural form.*

black hole	**nebula**	**neutron**
neutron star	**supernova**	**white dwarf**

_____ **1.** Stars form deep inside <u>black holes</u>, which are clouds of gas and dust.

_____ **2.** When a star that no longer contains helium casts off its gases, its core turns into a hot, dense, slowly cooling sphere of carbon called a <u>neutron star</u>.

_____ **3.** A <u>supernova</u> occurs when gravity is so great that no light can escape.

_____ **4.** Neutron stars contain a dense core of <u>nebulae</u>, which are particles in the nucleus of an atom.

_____ **5.** A <u>white dwarf</u> is an enormous explosion that destroys a star.

_____ **6.** A <u>black hole</u> is a dense core of neutrons that remains after a supernova.