Name _____   Date _____

Classifying Stars

In this worksheet, we will review some important information about important stars in our solar system, as well as classify the major types of stars. For example, the North Star is named Polaris. It is part of the Big Dipper constellation.

<u>Exercise Questions</u>:

1. The closest star to earth is:

the sun   Proxima Centauri

2. The next closest star is:

Proxima Centauri   Sirius

3. The brightest star in the night sky is:

the sun   Sirius

4. We use Polaris to:

_____ Find out which way is north

_____ Find out which way is south

5. This star is also known as the 'dog star':

Sirius   Polaris

6. True or False? Alpha Centauri is a star.

_____

7. What kind of star is our sun?

yellow dwarf   red giant

8. What is a black hole?

_____ a collapsed star

_____ a star's birthplace

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[the sun]   Proxima Centauri

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_X_ Find out which way is north

____ Find out which way is south

5. This star is also known as the 'dog star':

[Sirius]   Polaris

6. True or False? Alpha Centauri is a star.

_____False_____

(Alpha Centauri is a star system)

7. What kind of star is our sun?

[yellow dwarf]   red giant

8. What is a black hole?

__X__ a collapsed star

_____ a star's birthplace