Assignment #10 Chapters 173-179 Name:

Chapter 173 is Christopher's digression of Orion.
Chapter 179 is Christopher running away.

Despite the obvious importance of chapter 179, we will instead focus on 173 because I like stars.
NOTE There are **two** components to this assignment - finding the constellation AND the article questions.

Here is what Orion looks like:

The two stars up top are shoulders

The three in the middle are his belt

The stars coming off the belt in a line are his sword

The bottom two stars are his feet



How to find it:
Around March, face the west (where the sun sets). Around December face the east (where the sunrises) and look slightly to your right and up. What you will notice most is the "belt of Orion." It is the three bright stars lined up. Below the belt are Orion's feet – two bright stars spaced a little more apart from each other than the belt is wide. Above the belt are Orion's hands. The one on your left is a bright reddish star. That is the red super giant Beltegese. It represents him holding a lion skin. The hand to your right is holding a bow. You should be able to see the curve of the bow. Just below the belt are three fainter stars forming an up/down line. The star in the middle is really not a star, but a nebula (a gaseous cloud in space that will probably form into a star).

Do This - You need to show this constellation to an adult and then get him/her to sign a piece of paper saying either:

- He/She showed me the constellation
- We looked, but could not find the constellation

But Mr. Alford - it is September and Orion hasn't risen yet! That's O.K., you will still read the article and answer questions, but instead of looking for Orion, look for Cassiopeia. You might remember her from the *Clash of the Titans* movie. She is the one who said her daughter was more beautiful than Aphrodite. She looks like a big M (or W or 3 or E depending on what time of year it is). She hangs in the north sky, so face the sunset and turn right. Look up and she should be there, fairly close to the Big Dipper.

Are you looking from a very dark area? If so, you'll notice above Orion and faint hazy "river" flowing through the sky. You are looking at the Milky Way, part of our own galaxy.

From the article, "Orion, Lord of the Sky," by Tony Flanders. You can read the article with the handout given from class or use this pdf of a printout.

1. What did the ancient Egyptians call this grouping of stars?

2. What did the Mesopotamians call this grouping of stars?

3. What did the Chinese call this grouping of stars?

4. What did the ancient Hindus call this grouping of stars?

5. What two names did the Pre-Islamic Arabs call this grouping of stars?

6. What constellation is the mortal enemy of Orion?