

**MT 1800 – Calculus I
WS 1.1a Predictions**

Name:

Name:

Due: Friday, August 21, 2008.

Purpose: Make a prediction that we can use next week to discuss modeling and predictions.

Instructions

1. Find a team-mate.
2. With your team-mate, choose an event out of the following athletics events that will take place this weekend at the 2008 Summer Olympics in China:

Saturday, August 23rd

Finals: Women's high jump, men's javelin, men's 800m, women's 1500m, men's 5000m, women's 4x400m, men's 4x400m

Sunday, August 24th

Men's marathon

3. Go to the internet site <http://www.infoplease.com/ipsa/>
Click on [Olympics](#) >
Now on [The Olympic Games Summary](#) >
Finally click on [Summer Games: Gold Medals](#) >
Find your event.
4. Copy the data into a table and label the table adequately. Attach the table to the worksheet.
5. Look at the data and make a prediction of what the time/height/length that will win the gold medal in the event will be.

Prediction :

6. Describe the logic that you followed in order to make that prediction.