Name _____

Section _____

Date _____

Temperature Conversion

Reminder: C = 5/9 (F-32) F= (C x 9/5) + 32

1. Curt Perano from New Zealand will have to prepare food for his dogs and for himself over the course of the Iditarod. He will use his cooker many times to heat up and boil water. In his country they measure temperature using *Celsius.* Water boils at 100° C. **What temperature does water boil using *Fahrenheit?***

2. Mats Pettersson from Sweden placed 29th in the 2014 Iditarod. Mats will be traveling over many frozen rivers and creeks during the Iditarod. Water freezes at 32° F. In Sweden temperature is measured using *Celsius.* **What temperature does water freeze using *Celsius?***

3. Joar Ulsom from Norway finished in 4th place last year. Joar's average body temperature is 98.6° F. **What is Joar's body temperature using *Celsius?***

4. Isabelle Travadon will join us in the 2015 Iditarod from France. Her dogs' average body temperature is 39° C. **What are her dogs' average body temperature using *Fahrenheit?***

5. Yvonne Dabakk from Norway will be coming to your town to visit for 7 days. She needs to know what the temperature will be for the 7 days she will be in town. Using http://www.accuweather.com/ create a weekly forecast for Yvonne. Record the temperatures and convert them to Celsius.

Day	Celsius	Fahrenheit
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

6.   Choose one checkpoint along the trail. Look up the extended forecast for the next 7 days. Record the temperature given to you in Fahrenheit and convert those temperature to Celsius.

Use http://www.accuweather.com/ to look up the forecast.

Day	Celsius	Fahrenheit
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		